20000125.qrp v01_n711.qrl.20000125

Date: Tue, 25 Jan 2000 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1711

QRP-L Digest 1711

Topics covered in this issue include:


  1) [61215] Extended Losses at 10:1 VSWR.
     by Ed Loranger <we6w@netzero.net>
  2) [61216] FOXHUNT:Team Scores
     by Bruce Rattray <rattray@gpfn.sk.ca>
  3) [61217] TiCK Keyer
     by Richard S McKee <kc8aon@juno.com>
  4) [61218] ANT FARM: What's in the works?(NNWTK)
     by S LYON <sslyon@worldnet.att.net>
  5) [61219] FOXHUNT:Team Scores
     by Bruce Rattray <rattray@gpfn.sk.ca>
  6) [61220] Re: ANT FARM: What's in the works?(NNWTK)
     by Monte Stark <ku7y@dri.edu>
  7) [61221] FS: Handbooks and etc, long
     by Monte Stark <ku7y@dri.edu>
  8) [61222] Re: Using the RS 10 Meter XCVR on CW???
     by "George T. Baker" <w5yr@worldnet.att.net>
  9) [61223] Re: Feedline Loss; CPU Ribbon OK IF!
     by "Don Wilhelm" <w3fpr@arrl.net>
 10) [61224] Small Loop Antenna vs Efficiency
     by John R Kirby <n3aaz-qrp@juno.com>
 11) [61225] WTB :  243 VFO for TT Omni D
     by KF4EIB@aol.com
 12) [61226] RE: Feedline Loss; CPU Ribbon OK IF!
     by Mike Gipe <mgipe@reliablemeters.com>
 13) [61227] Re: TiCK Keyer
     by Thomas Isgro <k8cz@concentric.net>
 14) [61228] Re: Swiss Navy Projects
     by Nv4t@aol.com
 15) [61229] Small transmitting loops
     by "muleskiner" <muleskiner@gateway.net>
 16) [61230] Looking for a Turns Counter
     by Ed Kessler <edkess@epix.net>
 17) [61231] Re:Feedline Loss Parallel Coax.
     by Ed Loranger <we6w@netzero.net>
 18) [61232] Reflections on contest calls
     by FrConrad@aol.com
 19) [61233] Re: TiCK Keyer

by radioham@home.com
20) [61234] Re: Small Loop Antenna vs Efficiency
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
21) [61235] Uncle FuFu's small loop, sorta
by hamjoel@juno.com
22) [61236] Re: Small Loop Antenna vs Efficiency
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
23) [61237] Re: Ten-Tec Qrp Rigs
by John F Rayfield <kr0y@juno.com>
24) [61238] Re: 38S Power Mod
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
25) [61239] Re: Small transmitting loops
by Pete Burbank <plburbank@kih.net>
26) [61240] Hand-powered generator!!!
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
27) [61241] RE: efficiency problem?
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
28) [61242] Atlanticon News - Jan 24
by "George Heron N2APB" <n2apb@erols.com>
29) [61243] BCK beacon again on 160
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
30) [61244] Re: FYBO 2K is almost upon us
by "Steve/n0tu" <n0tu@webaccess.net>
31) [61245] Re: Hand-powered generator!!!
by "Mike Yetsko" <myetsko@insydesw.com>
32) [61246] Re: BCK beacon again on 160
by "Steve/n0tu" <n0tu@webaccess.net>
33) [61247] Re: FYBO 2K is almost upon us
by KB0R@aol.com
34) [61248] 160 Mtr Prop Web Site
by "Chuck Carpenter" <w5usj@globeco.net>
35) [61249] My home page...
by =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
36) [61250] Re: ANT FARM: What's in the works?(NNWTK)
by Bruce Rattray <rattray@gpfn.sk.ca>
37) [61251] Re: Feedline Loss; CPU Ribbon OK IF!
by "Don Wilhelm" <w3fpr@arrl.net>
38) [61252] acorn tube transmitter
by JOHN FISHER <ve7fdg@mad.scientist.com>
39) [61253] OT :  Radio swap/trade Freq.?
by KF4EIB@aol.com
40) [61254] RE: OT :  Radio swap/trade Freq.?
by Karl Kanalz <KKanalz@excel.com>
41) [61255] Re: Atlanticon News - Jan 24
by Monte Stark <ku7y@dri.edu>
42) [61256] Re:Feedline Loss Parallel Coax. TU...
by "Sylvester, 9M8SL" <cqsly@tm.net.my>
43) [61257] QRP opportunities next weekend

    by Jim Hale <kj5tf@yahoo.com>
44) [61258] OT:Digital simulation
    by Goran Hosinsky <hosinsky@royac.iac.es>
45) [61259] Pictures of Big Brass Keys....
    by Dave Barrett <DBarrett@creo.com>
46) [61260] Re: Pictures of Big Brass Keys....
    by DOCROCK1T@aol.com
47) [61261] the Poqet PC Plus
    by "Wyman, Michael D" <michael.d.wyman@intel.com>
48) [61262] For Sale:MFJ9440X 40 meter SSB/CW Transceiver
    by ABCQRP <w6abc@yahoo.com>
49) [61263] Testing a chip and building an SSB generator
    by "AI2Q Alex" <ai2q@ispchannel.com>
50) [61264] RE: cleaning dirty pots, rotaries
    by "AI2Q Alex" <ai2q@ispchannel.com>
51) [61265] Q: Adding VFO to HB Pixie II
    by "Pete (N9SSA)" <n9ssa@arrl.net>
52) [61266] HB: Building Techniques
    by Bruce Toback <btoback@optc.com>
53) [61267] Rainbow tuner wanted
    by GUARDM@aol.com
54) [61268] Cliff Dweller Antenna ?
    by w4bld@juno.com
55) [61269] Norcal paddle kit
    by Dave Pomeroy <dave_pomeroy@yahoo.com>
56) [61270] Re: How the Navy Killed my 17 year old  son!
    by "Scott Howell" <n3byy@yahoo.com>
57) [61271] Re: How the Navy Killed my 17 year old  son!
    by "Scott Howell" <n3byy@yahoo.com>
58) [61272] UR CONTEST
    by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
59) [61273] RE: Digital simulation
    by "Ed Tanton" <n4xy@att.net>
60) [61274] internet throw hf radio
    by nader omer <naderomer@yahoo.com>
61) [61275] QRP Get Together Wednesday Night
    by "Doug Hendricks" <ki6ds@dospalos.org>
62) [61276] FYBO 2K de WQ3RP
    by Chris Cartwright Sr <ccart@phideaux.com>
63) [61277] Re: Cliff Dweller Antenna ?
    by GElam30092@aol.com
64) [61278] RE: Q: Adding VFO to HB Pixie II
    by Sam Billingsley <SBillingsley@usaninc.com>
65) [61279] Vernier Dial source.
    by Ed Loranger <we6w@qsl.net>
66) [61280] PJ2/DL1CW is on 21.033.8 calling CQ (2000Z  1/25/00)
    by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
67) [61281] FS: 509 Argonaut w/405 amp

    by "Tracy, Michael,  KC1SX" <mtracy@arrl.org>
 68) [61282] OT: generator kit
    by "Eric Jensen" <ejensen@siemens-psc.com>
 69) [61283] QRP Quarterly
    by Bruce Rattray <rattray@gpfn.sk.ca>
 70) [61284] Re: generator kit
    by "Mike Yetsko" <myetsko@insydesw.com>
 71) [61285] Which Yaesu Knob is being used on the K2?
    by ABCQRP <w6abc@yahoo.com>
 72) [61286] Re:HB:Dan's Kits Centennial Transceiver?
    by K1DXradio@aol.com
 73) [61287] FWD - 1 Volt Challenge report
    by "Dennis Payton" <dpayton@fwi.com>
 74) [61288] Parts Wanted
    by Elliott Lawrence <edl@pacbell.net>
 75) [61289] Re: Norcal paddle kit
    by Wayne A Smith <k8ff@juno.com>
 76) [61290] My web page
    by "Larry H. Lyda" <wa4pjp@volstate.net>
 77) [61291] Thanks! (K2 mod with Yaesu FT-100 Knob)
    by ABCQRP <w6abc@yahoo.com>
 78) [61292] RE: 509 Argonaut w/405 amp
    by "Tracy, Michael,  KC1SX" <mtracy@arrl.org>
 79) [61293] HB:  The Georgia Sierra - QRP Transceiver (A detailed peek)  **Lo
    ng but worth it**
    by Sam Billingsley <SBillingsley@usaninc.com>
 80) [61294] K2 building and MN-9 offer.
    by Ed Loranger <we6w@qsl.net>
 81) [61295] RE: Digital simulation
    by "James P. Rybak" <jrybak@mesastate.edu>
 82) [61296] FW: Yukon Meteor Blast
    by "Ed Tanton" <n4xy@att.net>
 83) [61297] Update:
    by "Wyman, Michael D" <michael.d.wyman@intel.com>
 84) [61298] Re: K2 building and MN-9 offer.
    by Ed Loranger <we6w@qsl.net>
 85) [61299] Re: TiCK Keyer
    by Richard S McKee <kc8aon@juno.com>
 86) [61300] FOX Alert:  First warning!
    by "Franco, Nicholas J" <franco@bnl.gov>
 87) [61301] Slightly OT: Free Logging Software-Nice!
    by REDSBOY@aol.com
 88) [61302] Re: Cliff Dweller Antenna ?
    by Ray Colbert <af852@rgfn.epcc.edu>
 89) [61303] Re: HB: Building Techniques
    by Robert McConnell <rmcconne@lightlink.com>
 90) [61304] Re: HB:  The Georgia Sierra - QRP Transceiver (A detailed peek)  **Lo
ng but worth it**

    by "Doug Hendricks" <ki6ds@dospalos.org>
 91) [61305] OT: Help with an OLD Callsign W9ROH
    by AD6EZ@aol.com
 92) [61306] K2 Tuning Knob replacement info
    by ABCQRP <w6abc@yahoo.com>
 93) [61307] FOX: AF5Z Jan 19 Final Log
    by "Bob Helms" <af5z@inetport.com>

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Date: Mon, 24 Jan 2000 16:06:07 -0800
From: Ed Loranger <we6w@netzero.net>
To: Ron Stark <ku7y@dri.edu>, Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [61215] Extended Losses at 10:1 VSWR.
Message-ID: <388CE8EE.541D1C77@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

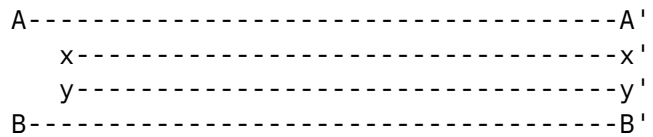
Hi Ron, I did the calculations for feedline losses:

For 100 FEET LENGTHS:

| xxxxxxxx | 1:1 VSWR | 10:1 VSWR |
|---|---|---|
| Ribbon | .43 dB | 1.98 dB |
| 300 Ohm | .10 dB | 1.25 dB |
| Teflon twisted | .05 dB | 0.66 dB |

BIG NOTE:  The Computer Ribbon cable is 4 wires with the
center TWO wires floating and not connected.  Any connection
to these wires will severely destroy the feedline efficiency as
I reported earlier.

Cpu Ribbon line preferred configuration:




Use only terminals A and B;( A', B' to ant).
x and y do not connect to anything.

Hope this is useful.
72/Ed we6w
--

72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP
http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 QRPL#1068 NC#2227



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Date: Mon, 24 Jan 2000 18:06:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [61216] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.1000124175735.30693A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

**********
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

**********

Fox Hunt 22 - AF5Z -

**********

20th. MAINE BENGAL BEARS:Total=8
---
Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

BLUE J's:Total=13
---
John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

EMPIRE HOUNDS:Total=14
---
Dick - K2JQ <-
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH <-

HOUSTON HOUNDS:Total=57
---
Bill - K5ZTY <-

MANGY MUSHERS:Total=51 "Sweep"
---
Pete - NV4V <-

Bill - W5SB
Terry - KQ5U
Dan - KK5LD <-

Paul - VA7NT <-
Bruce - N7RR <-
Ed - K1VP <-

NIGHT OWLS:Total=35
---
Ed - WE6W <-
Rich - N5JI
Dan - N7CQR <-
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=43
---
Cliff - AB5UA <-
Royce - KE5TC
Don - K5AAR <-
Gody - AC6UV

RAIDERS OF THE LOST RF:Total=38
---
Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E <-
Bruce - VE5RC <-

SCATTER SHOT GUNNERS:Total=58
---
Mike - K1MG <-
Jack - W5TFB
Stan - N6XU
Pat - K0PC <-

SFBA FOGHORNS:Total=18
---
Bob - N6WG <-
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWAMP RATS:Total=60
---
Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y

SWORDS:Total=35
---
Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM CRAMP.COM:Total=33
---
OJ - K1OJ
George - K5VUU
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:Total=59
---
Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S
Bob - KI7MN <-

TESLA'S TERRORS:Total=82"Sweep"
---
Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

TEXAS TARANTULAS:Total=52
---
Bill - K5LN
Dave - N5IW
Bob - AF5Z
Tom - N5TW

UNDERDOGS:Total=67
---
Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN
Ron - KI0II <-

WESTERN WRANGLERS:Total=31
---

NORTEX Irregulars:Total=6
---

Randy - K7TQ <-
Chuck - K7QO
Steve - WW7Y <-
Ron - KU7Y <-

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

---

Date: Mon, 24 Jan 2000 18:24:20 EST
From: Richard S McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [61217] TiCK Keyer
Message-ID: <20000124.190341.4567.1.kc8aon@juno.com>

Gang,

  Has anyone on the list ordered a TiCK keyer kit from Embedded Research ?  If so, how long did it take to receive your order ?  It seems to be taking longer on this order than it has from other dealers in the past - just wondering !  Also, how did you like the operation of the TiCK ?

73...Rick McKee KC8AON     { CW lives as long as I do ! }
Willow Wood,Ohio
AR QRP # 269
QRP-L # 2112
ZOMBIE # 718



---

Date: Mon, 24 Jan 2000 19:38:33 -0500
From: S LYON <sslyon@worldnet.att.net>
To: k7qo@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61218] ANT FARM: What's in the works?(NNWTK)
Message-ID: <388CF088.8C2EA1BF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings, Chuck
Cought your tantalyzing hint -"Antenna Farm To Be Built...." am I just
projecting here or is there something special going on? y'know... give us some
little tid-bit that would get our imaginations working on "boy... if I had THAT
setup, I'd ---------"
Nosey Neighbors Want To Know. (NNWTK)
72
-s-

AA1MY

---

Date: Mon, 24 Jan 2000 18:43:58 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [61219] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.1000124183637.2400A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

**********
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

**********

Fox Hunt 23 - N7CQR -

**********

20th. MAINE BENGAL BEARS:Total=8
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Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

BLUE J's:Total=13
---
John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

EMPIRE HOUNDS:Total=14
---
Dick - K2JQ <-
Kevin - N2TO
Mark - N2JTW

Nick - KF2PH <-

HOUSTON HOUNDS:Total=60
---
Bill - K5ZTY <-
Bill - W5SB <-
Terry - KQ5U <-
Dan - KK5LD

MANGY MUSHERS:Total=53
---
Pete - NV4V <-
Paul - VA7NT
Bruce - N7RR <-
Ed - K1VP

NIGHT OWLS:Total=36
---
Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

OKLAHOMA TORNADOS:Total=45
---
Cliff - AB5UA <-
Royce - KE5TC
Don - K5AAR <-
Gody - AC6UV

RAIDERS OF THE LOST RF:Total=40
---
Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E
Bruce - VE5RC <-

SCATTER SHOT GUNNERS:Total=61
---
Mike - K1MG <-
Jack - W5TFB
Stan - N6XU <-
Pat - K0PC <-

SFBA FOGHORNS:Total=19
---
Bob - N6WG <-
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWAMP RATS:Total=63
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Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y

SWORDS:Total=36
---
Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE

TEAM CRAMP.COM:Total=34
---
OJ - K1OJ
George - K5VUU <-
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:Total=62
---
Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S <-
Bob - KI7MN <-

TESLA'S TERRORS:Total=85
---
Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW
Joe - W0JOE <-

TEXAS TARANTULAS:Total=54
---
Bill - K5LN
Dave - N5IW

UNDERDOGS:Total=70
---
Roy - AB7CE <-
Dan - N4ROA <-

Bob - AF5Z <-
Tom - N5TW <-

Brian - KB9BVN
Ron - KI0II <-

WESTERN WRANGLERS:Total=33
---
Randy - K7TQ
Chuck - K7QO
Steve - WW7Y <-
Ron - KU7Y <-

NORTEX Irregulars:Total=6
---
Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

---

Date: Mon, 24 Jan 2000 16:46:36 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: S LYON <sslyon@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61220] Re: ANT FARM: What's in the works?(NNWTK)
Message-ID: <Pine.GSO.4.10.10001241643450.17911-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 Jan 2000, S LYON wrote:

> Greetings, Chuck
> Cought your tantalyzing hint -"Antenna Farm To Be Built...." am I just
> projecting here or is there something special going on? y'know... give us some
> little tid-bit that would get our imaginations working on "boy... if I had THAT
> setup, I'd ---------"

I overheard Tom, from Force 12 saying something as Chuck left the
booth at Pacificon last year, about soon being able to afford that
second vacation to KH6 land.......

Lets see......lots of tall towers, all covered with nice Force 12's....

Ahhhhhh, now I just gotta figure out how to borrow it when I'm RVing
in the area.....

(I've heard that there is a very nice RV park right near Prescott)

:-)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

---

Date: Tue, 25 Jan 2000 01:25:04 +0000
From: Monte Stark <ku7y@dri.edu>
To: "qrp-l, Low Power Amateur Radio" <qrp-l@lehigh.edu>
Subject: [61221] FS: Handbooks and etc, long
Message-ID: <388CFB70.2F105637@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Still cleaning out the shack. Lots of books and I hate to think about
throwing them out!

So, lets see if anyone wants to buy them first.

ARRL Handbooks:

1967
1969
1976

The 3 above all show signs of having been well used but they are still
complete and not falling apart. Make me an offer that I can't refuse on
one, two or all three, plus shipping.

(I would guess that they would cost between $4 and $5 each to ship).

1985
1993
1994

The above three are all hardbacks and in like new condx. The 1985 has a
jacket that shows some wear but the book is like new.

Here is what I'd like to do with these 3.....

If you can afford to buy a new handbook please don't ask for one of
these. Lets let these 3 go to people who can't afford the $30 or

whatever new ones cost now. If no one takes them on that deal I'll repost them. (I spent most of my life not being able to afford to buy a new handbook so I know what that's like!)

These books are still great to use everyday. Ohm's Law is still the same as it was back then! :-)

Price.....lets say $12 + shipping.

Hints & Kinks,

1968 Make offer
11th edition Make offer
13th edition Make offer

Weekend Projects for the Radio Amateur, ARRL
1979 Make offer

Modern Antenna Design, Millgan
1985 Make offer

Solid State QRP Projects, Edward Noll, W3FQJ
1992 reprint Make offer

Transistor Theory and Circuits Made Simple, Harvey Pollack
1958 Make offer

T.I. Liner Circuits Data Manual
1992 Make offer

Applying Microprocessors, Electronics Magazine Book Series
1976 Make offer

VHF Propagation Handbook, Stewart, WA4MVI
1982 Make offer

Radio Shack Tube Substitution Handbook
1980 Make offer

HF Antennas for all locations, L.A.Moxon, G6XN
1986     Make offer


Low-Band DXing, John Devolder, ON4UN
1987     Make offer



Everything to be + shipping. Some things will go in a priority mail envelope for $3.20 while others will be more. I'll let you know the postage after I mail them. (You send a check either after I let you know what the mailing cost was or after you get the item and are satisfied, your call).

I'm sure I'll uncover more as I dig through the box's.

(Might even have a Post Versalog slide rule around someplace. I found one of the books I used to try and figure it out back in 1958!)

I'm not trying to get rich here folks, so feel free to offer whatever something seems like it's worth to you.

I would price them all but I have NO IDEA what they are worth!

Thanks for the BW....

--
73,  Ron, KU7Y

NRA Life------Ex W6JXO, DL4RF, N7CRV------SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150--------DM09cg---------New Washoe City,  NV

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Date: Mon, 24 Jan 2000 18:09:37 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: jrybak@mesastate.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61222] Re: Using the RS 10 Meter XCVR on CW???
Message-ID: <388CE9C1.DFE208C5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Feeding a single audio tone (keyed if desired) into the mic input of an SSB transmitter results in the output of a single radio frequency signal or in this case a keyed carrier. This is true CW or A1A, I think it is called in the regs these days.

This technique is used for many RTTY transmissions by shifting the audio tone frequency between two discrete frequencies in accordance with the Baudot code, etc.

This is in no way "tone modulated cw" or "frequency modulated tone keying."
These modes involve the use of more than one audio frequency at the transmitter input.

The "gotcha" is that the "single audio frequency" must be exactly that: a very clean audio signal without any distortion, etc. Any additional frequency components would, as you point out, produce not true CW but a tone-modulated carrier signal, which is frowned upon by CW folk.

We use this same approach - audio tone input to SSB rigs - for PSK31 operation.

72/73, George
Fairview, TX  30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452  RVing since 1972

"James P. Rybak" wrote:
>
> Recently, I heard a discussion on this list concerning the use of a tone
> generator to produce a form of CW on the Radio Shack 10 meter XCVR.  My
> recollection of the FCC rules is that both tone modulated CW and frequency
> modulated tone keying are legal only above 50.050 MHz.  Have these rules
> been changed?  I admit that I am reaching way back in my memory for this
> recollection so I may be wrong.
>
> 73,
>
> Jim  W0KSD

--

---

Date: Mon, 24 Jan 2000 20:58:31 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>

To: <mgipe@reliablemeters.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61223] Re: Feedline Loss; CPU Ribbon OK IF!
Message-ID: <004501bf66d7$c47580a0$61b17ed8@dbw-11-main>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1252"
Content-Transfer-Encoding: 7bit

Mike and all,
You would not be matching the ZM2 to the characteristic impedance of the line (200 ohms) unless the antenna impedance was also 200 ohms.  The impedance seen by the ZM2 looking into the line will vary with the length of the line, the frequency of operation, and the SWR on the line.  A Smith chart can predict what will be seen at the end of the feedline - now that Ed has determined that the impedance is about 180 ohms, we can normalize the Smith chart.  Thank you for that info Ed.

I was amazed to see that the loss was so low.  Other than the designation "Teflon twisted wire" - can you tell us the wire size (solid or stranded - if stranded how many strands) as well as the outer diameter of the insulation and the winding pitch that you used.  All these parameters will have an effect on the characteristic impedance.

73,
Don Wilhelm  -Chapel Hill, NC
 W3FPR    QRP-L # 485   K2  SN 0020

>
>Interesting results for the 4 wire line with two phantom ballast wires in
>the middle!
>
>Seems like a usable field antenna system might use a ZM2 to match the rig
to
>200 ohms, feeding a four wire ribbon cable with the outer two wires driven,
>to a 4:1 balanced-to-balanced transformer at the antenna feed point, which
>would be the center of a resonant doublet.  The loss, even at 10 meters,
>would not be too terrible -- certainly better than RG174?
>
>

---

Date: Mon, 24 Jan 2000 20:57:13 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [61224] Small Loop Antenna vs Efficiency

Message-ID: <20000124.205916.-155971.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Anybody read "The truth about loop antennas"?
     . . . WORLDRADIO, FEB 2000, page 56 . . .

100 W IN and 0.5 W OUT, WOW !

John
N3AAZ
FM19xa



---

Date: Mon, 24 Jan 2000 21:13:17 EST
From: KF4EIB@aol.com
To: tenten-l@lehigh.edu
Cc: qrp-l@lehigh.edu
Subject: [61225] WTB :  243 VFO for TT Omni D
Message-ID: <42.d0157e.25be60bd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

Looking for the Ten Tec 243 VFO for my Omni D.

Please reply to my e-mail direct.

Thanks,

Gordon kv4cz

---

Date: Mon, 24 Jan 2000 18:31:13 -0800
From: Mike Gipe <mgipe@reliablemeters.com>
To: Don Wilhelm <w3fpr@arrl.net>, mgipe@reliablemeters.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [61226] RE: Feedline Loss; CPU Ribbon OK IF!
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928E8B6@mission>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1252"

Don --

Yes, that's why I suggested a 4:1 transformer at the antenna feed (that is, right at the antenna itself, at the other end of the feedline).  Of course, that transformer adds its own losses which might ruin the whole scheme anyway.

To clarify,  the original proposal was:

rig  ==>  ZM2  ==> feed line ==> 4:1 xformer ==> antenna

50 ohms  50>200     200 ohms       200>50       35-80 ohms


Mike


> -----Original Message-----
> From: Don Wilhelm [mailto:w3fpr@arrl.net]

>
> Mike and all,
> You would not be matching the ZM2 to the characteristic
> impedance of the
> line (200 ohms) unless the antenna impedance was also 200 ohms. ....
>

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Date: Mon, 24 Jan 2000 22:01:03 -0500
From: Thomas Isgro <k8cz@concentric.net>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61227] Re: TiCK Keyer
Message-ID: <388D11EF.2FD8@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought a TICK 2B a couple of years ago at Dayton, so I can't speak for delivery time.

However, the kit is easy to construct (about a half hour) and easy to "program". My only complaint was the small memory, but that has been addressed in the latest model.

They seem to sell a lot of them.

Tom, K8CZ

---

Date: Mon, 24 Jan 2000 22:00:18 EST
From: Nv4t@aol.com
To: mel@euramcom.freeserve.co.uk, qrp-l@lehigh.edu
Subject: [61228] Re: Swiss Navy Projects
Message-ID: <3e.a12df8.25be6bc2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

And of course, I'm Admiral Humperdinck of the Royal Swiss Navy!

I do believe the only watercraft the swiss military has belong to the army!

In good humor!
72, nv4t

---

Date: Mon, 24 Jan 2000 22:08:52 -0500
From: "muleskiner" <muleskiner@gateway.net>
To: "QRP" <qrp-l@Lehigh.edu>
Subject: [61229] Small transmitting loops
Message-ID: <000701bf66e1$9eabd7c0$e3780f3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"A [small transmitting] loop will provide high efficiency when made of 3/4 inch copper pipe and having a circumference of more than 1/8 wavelength and less than 1/3 wavelength." Ted Hart, W5QJR , "Small High Efficiency Antennas Alias the Loop", 1985. His theroy of loop antenna design has been practised and verified.

John - WA2NZO

------------------------------

Date: Mon, 24 Jan 2000 22:08:03 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [61230] Looking for a Turns Counter
Message-ID: <388D1393.EDF9ACD9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A friend gave me several nice capacitors and a roller inductor to build
a tuner.  Now I need to find a turns counter.

If anyone has one, in good condition, for sale, I'd be a buyer.

Thanks for the Bandwidth,

Ed,
AA3SJ

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Date: Mon, 24 Jan 2000 19:12:42 -0800
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>, kc8aon@juno.com
Subject: [61231] Re:Feedline Loss Parallel Coax.
Message-ID: <388D14A9.D075A80D@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I got a request to investigate the use of parallel
coax such as one might feed thru the wall before going
to open feeders etc.

Very interesting results.  Please note, I did not have two
lengths of coax of the same brand.  Also, the one coax
that resulted in the least waste (When shortening the other)
ended up being unmarked but measured as 75 Ohm cable,
RG-11.  Due to possible velocity factor differences the
measurements may be off by a small margin but my opinion
is that the summary results are most important over absolutes.

Tested:
Cable 1==> RG-8/U Foam; Tandy cable
Cable 2==> UNKNOWN but measured as RG-11; 77 Ohms.

Cable #1 and Cable #2 connected in parallel with braids joined
at each end.  I heard that one is to leave the far braid open
so I ALSO tested that.

Results:
Solo Cables:
Cable #1 (foam RG-8) ==> .91 dB loss; 45.5 Ohms
Cable #2 (RG-11 non-foam) => 1.44 dB loss; 77 Ohms.

Joined parallel coaxial cables fed at center conductors:
Cable 1 // Cable 2; shields connected both ends:
       ===> 1.1 dB Loss; 92.8 Ohms.
Cable1 // Cable 2; Shields connected ONLY at input:
     ====> 3.4 dB Loss; 88 Ohms.

Well, I'm spent.  Note that "//" means "in parallel with"

Summary: Apparently the better cable dominates and
                 The loss figure is between extremes for both
                  cables.  The overall impedance is 2 times
                  the smaller value with a slight increase if one
                  cable is of higher impedance.  A best estimate
                 might be: Zr=SQRT(Cable1^2 + Csble2^2) which
is your basice sqrt of the sum of the squares formula.

Be sure to Connect the shields at both ends unless there
is something I missed here.... Doing the best I can.

72/Ed we6w
--
72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP
http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 QRPL#1068 NC#2227



---

Date: Mon, 24 Jan 2000 22:38:32 EST
From: FrConrad@aol.com
To: QRp-L@lehigh.edu
Subject: [61232] Reflections on contest calls
Message-ID: <5b.116795f.25be74b8@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

To whom...

Conditions here were pretty bad here for the MI-QRP sprint.  Lots of QSB and the event got me thinking.

Many of the regular contest ops would call:

CQ TEST CQ TEST DE WIAW TEST K ...and listen.

In that transmission you get just a little bit of ID, and a lot of other stuff.

When ur not getting a lot of replies, why not call...

CQ TEST DE WIAW W1AW WIAW K...

Much better chance of making a contact.

Also, when condx r bad...LISTEN.  Don't just punch the button again.

For my .02.

In anticipation of FYBO, which was thoughtfully scheduled for a Saturday, I am,

John+
WB6MFS

---

Date: Mon, 24 Jan 2000 23:05:42 -0500
From: radioham@home.com
To: qrp-l@Lehigh.EDU
Subject: [61233] Re: TiCK Keyer
Message-ID: <3.0.6.32.20000124230542.0079d7b0@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tick 4 keyer chip came very fast, works great - upgraded a Tick 1.  Go for the 4, it has features that are very much worth the money.

72/73,

Steve, N4EUK

Reston, VA

---

Date: Mon, 24 Jan 2000 22:44:13 -0600
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61234] Re: Small Loop Antenna vs Efficiency
Message-ID: <009a01bf66ee$d569e600$3de70b3f@default>

Now THAT'S qrp !

Mike in Minnesota
-----Original Message-----
From: John R Kirby <n3aaz-qrp@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 24, 2000 8:01 PM
Subject: Small Loop Antenna vs Efficiency

>
>Anybody read "The truth about loop antennas"?
>     . . . WORLDRADIO, FEB 2000, page 56 . . .
>
>100 W IN and 0.5 W OUT, WOW !
>
>John
>N3AAZ
>FM19xa
>_____
>YOU'RE PAYING TOO MUCH FOR THE INTERNET!
>Juno now offers FREE Internet Access!
>Try it today - there's no risk!  For your FREE software, visit:
>http://dl.www.juno.com/get/tagj.

---

Date: Mon, 24 Jan 2000 23:43:31 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [61235] Uncle FuFu's small loop, sorta
Message-ID: <20000124.234333.-195763.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

High Y'all once meaux:
     any bodies looking for a rational post done better looks elsewhere... When it come to makeing small loop antennas we always used to invite uncle fufu to the house... Now uncle FuFu was a mis-aligned underpowered qrp work of art. Once u put a quart of my cajun mama's cajun kick a poo juice in him... he could walk a perfect circle, to his left, never too goood going right.... but then he an't never gone right in his life....
     anyhow we would trace a line in the dirt by tying a stick to uncle fufu's backside and let it drag behine him as he walked.... errr... let's say,  transversed the area...
     whenever he made a circle 'bout the size we needed we just laid the wire or tubing in the line in the dirt what he drew.... always a perfect circle....
     What I'm trying to say in a most odd way is... iffin u gonna transmit with a loop u gotta be pratical in the size u chose... the smaller u go, the lesss to gonna come out with from whatever u put in....and at some point u cross the line between looking pretty and working well...
     well gotta go call uncle FuFu.... gonna try a reduced size twenty meter loop...
Joel KE1LA
In Maine



---

Date: Mon, 24 Jan 2000 22:59:07 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: n3aaz-qrp@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61236] Re: Small Loop Antenna vs Efficiency
Message-ID: <00db01bf66f1$68e43140$e128bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

For some more useful information regarding small transmitting loop antennas you may want to check out my Web page regarding such antennas at:

http://home.swbell.net/aa5tb/loop.html

73,
Steve Yates - AA5TB

Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

---

Date: Mon, 24 Jan 2000 23:02:12 -0600
From: John F Rayfield <kr0y@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [61237] Re: Ten-Tec Qrp Rigs
Message-ID: <20000124.230815.22886.0.kr0y@juno.com>

On Mon, 24 Jan 2000 09:16:19 -0500 w4bws@juno.com writes:

>FWIW: I workrd a station in Sieverville, TN over the week end and
>he had Tentec equipment and was using a SW 30 he had just
>built (Xmas present) and commented that the SW 30 did not
>overload by a local broadcast station like the Tentec did and he
>liked the operation of the SW 30 better than the Tentec.
>Don W4BWS

That was of some concern to me, when I was first looking at the DSW-40.
I haven't had ANY trouble with any kind of overload.  In fact, I'm
listening right now to a station on 7118 khz., and there isn't even any
trouble with SW broadcast.  I just tuned on up to 7145 khz, and this
receiver is amazing - NO 'overload' of any kind.  I just wish there was
an easy way to widen out the bandwidth a bit, so that I could listen to
SSB and AM stations with it - it would make a great receiver for
monitoring phone and SW broadcast.. <VBG>

   John - KR0Y



---

Date: Mon, 24 Jan 2000 23:06:54 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: wb8yyy@yahoo.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61238] Re: 38S Power Mod
Message-ID: <00dc01bf66f1$ffe962e0$e128bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Curt,

I'm sorry for the delayed response.

I haven't noticed the AM demodulation problem with my 38S. The only broadcast reception my 38S suffers from is from a shortwave broadcast that fires up at 0600 UTC on 12 MHz. Since the IF of the 38S is 12 MHz this is obviously a problem with front-end selectivity allowing 12 MHz from the antenna to make it to the product detector. The problem manifest itself as a constant tone equal to the receiver offset from 12 MHz no matter where I tune.

I haven't bothered to fix mine yet but an additional bandpass filter or a 12 MHz wavetrap at the receiver front-end should solve the problem if you notice the same thing.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

----- Original Message -----
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 19, 2000 2:29 PM
Subject: 38S Power Mod

> OK I am a few years behind, but on my to do list is to
> add some power to my 38S, still in breadboard form. I
> have been collecting ideas, but what is the best
> recipe?
>
> Also I fired it up a few weeks ago and noticed that in
> addition to CW, I hear demodulated AM from whichever
> broadcaster(s) have the strongest signal. KG8IY
> mentioned some mod's to reduce this effect. How are
> your 38S's these days doing relative to rejecting BC
> signals?
>
> I have the numbers written in my log book, but mine
> happens to tune lower than the average reported
> earlier with stock components so I am fortunate here.
>
>

> Thanks for tips - its about time I got the soldering
> iron out again!
>
> Curt WB8YYY
> _____
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com

---

Date: Tue, 25 Jan 2000 00:26:28 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [61239] Re: Small transmitting loops
Message-ID: <3.0.32.20000125002214.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:08 PM 1/24/00 -0500, you wrote:
>"A [small transmitting] loop will provide high efficiency when made of 3/4
>inch copper pipe and having a circumference of more than 1/8 wavelength and
>less than 1/3 wavelength."  Ted Hart, W5QJR , "Small High Efficiency
>Antennas Alias the Loop", 1985.  His theroy of loop antenna design has been
>practised and verified.
>
>John - WA2NZO
>
John,
I agree....My first contact with a Hart STL (3 feet in dia)
a few feet off the ground was also my first JA. It was hanging
on the XYL's laundry line where I could adjust and solder the
gamma match.
The key to a good STL is strict adherence to the parameters....
meaning...all joints soldered well (due to the high current) and a tuning
capacitor that will handle the voltage.
All info is in QST June 1986 "Small, High- Efficiency Loop
Antennas"...p.33 by Ted Hart W5QJR.
Again...this antenna requires careful construction and needs
remote motor drive for the tuning capacitor.
73 Pete NV4V

---

Date: Mon, 24 Jan 2000 21:45:46 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: qrp-l@lehigh.edu

Subject: [61240] Hand-powered generator!!!
Message-ID: <200001250545.VAA06401@netcom.com>

If you don't like lemons, here's something else:

I was just browsing through one of the myriad catalogs we get here,
and found a hand-powered generator!!

It's item ET247 in the Magellan's catalog at $59.
It looks like it's claimed to produce substantial amounts of power at
12VDC.  I'm a bit bit skeptical, but maybe someone will try it, or
someone in the Santa Barbara area can visit them and check it out.
I'd like to know more, as I'm sure others here would also.

Either go to http://www.magellans.com and search for catalog number
ET247, or try  to go directly to the URL below.

http://www.magellans.com/cgi-bin/mitc/BatteriesET247?SessionID=

73, doug

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Date: Mon, 24 Jan 2000 20:33:25 +0100
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [61241] RE: efficiency problem?
Message-ID: <000401bf66fd$a08e42a0$7e76243e@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

My tuppence from Spain.

> The way I was told in physics class at UW was that Mr. Fahrenheit chose a
commonly available slurry that transformed between solid and liquid phases at
what we call 0 degrees F, and the human body temperature for 100. The only
problems with that were that (1) people vary in their normal  body temperatures,
and (2) his single test subject was  his wife, and she had a fever that day,
thereby throwing off the upper scale. If he had chosen an average of a bunch of
healthy people, our normal body temperatures today would be known as 100 degrees
F.
    Jim W7LS

Hi all,

Here in Spain we are metric guys and our temperature scale is always Celsius.

That SM (swedish) scholar (Mr. Celsius) set the 0 degree level at freezing water temperature and the 100 at the boiling water temperature, but I cannot imagine Mr. Fahrenheit setting the 100 at his wife's fever struck body temperature, as it translates to 80  Celsius when the usual human body temperature is 36.5 C and it hardly arrives to 50 C with real hot fever!. If I recall it right, 0 F are -32 C, so 0 C are 32 F and 100 C are 212 F.

P.S. Forget the lines above, I was wrong! I made numbers and 100 F are 37.667 C, an usual body temperature with a good ole cold (you could go over 100 F with a good ole flu!).

73, 72  de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1
46460 Silla
Valencia
ESPA A

Tel. +34 96 120 17 67
e-mail: ec5aca@qsl.net

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Date: Tue, 25 Jan 2000 01:26:26 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [61242] Atlanticon News - Jan 24
Message-ID: <00c901bf66fd$23444920$555daccf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We have some great news for the Atlanticon QRP Forum weekend:

7th SPEAKER CONFIRMED
Mike Gipe, K1MG has confirmed his availability to attend and be one of the seven Atlanticon presenters and authors at the all-day seminars being conducted on March 25.  Mike is the proprietor of QRP vendor "Blue Sky Engineering", and a frequent contributor to the technical ranks on QRP-L and in QRPp.  Mike presented last year at Pacificon to the thunderous appreciation of the QRPers attending this west coast QRP weekend ... he's confident that this year's presentation at Atlanticon QRP weekend will be just as exciting for the QRP audience.  We are truly pleased and honored to have K1MG on the Atlanticon speaker staff this year.  (Other speakers

include: K7QO, NN1G, N2CX, W1RFI, N2JGU and K8IQY ... what a lineup!)

INTERNAL SWAPFEST BEING SPONSORED
As is customary at our growing number of QRP weekends throughout the year (Atlanticon, FDIM, Ft Smith, Ft Tuthill, Pacificon, etc.) we have Friday and Saturday evening "hospitality rooms" for all of the attending QRPers to gather, chat with their friends, go around to vendor tables and drool (and buy!), and show off their own projects on the tables around the room. This year at Atlanticon we are encouraging everyone to bring the rig, component, chassis, etc. that you might be interested in selling to other QRPers and actually have a mini swapfest going on during these evenings. So in addition to putting on display the project you are most proud of, you might also consider bringing along that old spare HW-8, or that homebrew SWR bridge, or any other project you might be interested in "moving on to a better home". Just put a little price tag on it and chances are that someone will be interested in just that very gem!

EAST MEETS WEST HOMEBREW CHALLENGE
Chuck Adams, K7QO announced several days ago the "Atlanticon side contest N2APB vs. K7QO", wherein he and I will be competing for "best Manhattan-constructed" 2N2/40 transceiver, with the designer Jim Kortge K8IQY himself being the judge right there at the Building Contest on Saturday evening. We haven't yet determined the spoils going to the victor (like a dinner at the winner's choice location, or better yet the winner's choice of mono-band transceiver kit), but let me assure Chuck in full view of the world that this is not a challenge being taken lightly. Here at chez-N2APB we have a version of the 2N2/40 project being built that is different from all others done to-date, and one which will set new standards for Manhattan-style construction. Form factor, ergonomics and performance are all carefully layed out and construction has begun. My only problem at this point is that I can't decide whether I want a DSW-40 or a RH40 as the prize.

REGISTRATION and the SNAP KIT
The number of registered QRPers and reserved hotel rooms continue to rise. If you haven't made your reservations yet, see the details page at http://www.njqrp.org/atlanticon/ or send and info request email to EMBOT@NJQRP.ORG and put SEND ATLANTICON in the body of the message.
The Snap Kits are just about ready for distribution to all registered QRPers ... so be expecting yours in the mail in the coming week or so.

Hope to see many of you at the Atlanticon QRP Forum weekend on March 24-25 in the suburbs of Philadelphia, PA!

72, George N2APB
n2apb@amsat.org
for the NJQRP Club at http://www.njqrp.org

---

Date: Tue, 25 Jan 2000 06:24:27 -0500
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: <qrp-l@Lehigh.EDU>
Subject: [61243] BCK beacon again on 160
Message-ID: <000f01bf6726$abd0cfb0$0102030a@amd300>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It's back...

I can hear the BCK beacon here this morning at about 1000Z
Two signals, one at 1,811.4 and another at 1,812,4
Most definately the 5th harmonic from Wisconsin.

This beacon is a great reference....
my first 160 meter qso this morning
was with W9YQ, in Oconto Wisconsin

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
http://w3.one.net/~gentzow/wb8qyy.htm

---

Date: Mon, 24 Jan 2000 20:40:23 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [61244] Re: FYBO 2K is almost upon us
Message-ID: <005401bf6727$55a93040$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, It is almost here!  So what if any of you hardy QRP souls are headed
for the great outdoors?

Due to time and honey-dos I'm not planning a huge effort myself this year.
However, I will mount up an effort to be outdoors and on the air to work as

many FYBOers as possible.

So what FYBO adventures have those Eskimos amongst us planned??

Steve/n0tu

---

Date: Tue, 25 Jan 2000 06:26:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <faunt@netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61245] Re: Hand-powered generator!!!
Message-ID: <004f01bf6727$379ec240$90a9fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, a coincidence... There was just a letter this month in 'Circuit
Cellar' talking about how to convert stepper motors to generators
and get up to 3W of power at up to 24v. The author also mentioned
taking an old permanent magnet tape handler motor and making
a generator with a 'bicycle' crank and getting 12W.

Maybe a while new direction for a thread here...

Mike

>If you don't like lemons, here's something else:
>
>I was just browsing through one of the myriad catalogs we get here,
>and found a hand-powered generator!!
>
>It's item ET247 in the Magellan's catalog at $59.
>It looks like it's claimed to produce substantial amounts of power at
>12VDC.  I'm a bit bit skeptical, but maybe someone will try it, or
>someone in the Santa Barbara area can visit them and check it out.
>I'd like to know more, as I'm sure others here would also.
>
>Either go to http://www.magellans.com and search for catalog number
>ET247, or try  to go directly to the URL below.
>
>http://www.magellans.com/cgi-bin/mitc/BatteriesET247?SessionID=
>
>73, doug
>

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Date: Tue, 25 Jan 2000 05:24:12 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, <wb8qyy@one.net>
Subject: [61246] Re: BCK beacon again on 160
Message-ID: <009b01bf672f$1732eb00$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1252"
Content-Transfer-Encoding: 7bit

Hey Diz ... Finally made to haul to Ohio from CO. Tks fer pulling me out
this AM!  I heard w3bbo and tried callin but joy!  Need more radials!
Strange CNDX!   Tks agn. QSL is in the mail.
Rig K2 @ 5w Ant: inverted L 55' w/30-66' radials      Steve/n0tu,
Monument,CO


>It's back...
>
>I can hear the BCK beacon here this morning at about 1000Z
>Two signals, one at 1,811.4 and another at 1,812,4
>Most definately the 5th harmonic from Wisconsin.
>
>This beacon is a great reference....
>my first 160 meter qso this morning
>was with W9YQ, in Oconto Wisconsin
>
>73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
>Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
>FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
>http://w3.one.net/~gentzow/wb8qyy.htm
>
>
>


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Date: Tue, 25 Jan 2000 08:09:10 EST
From: KB0R@aol.com
To: n0tu@webaccess.net, qrp-l@lehigh.edu
Subject: [61247] Re: FYBO 2K is almost upon us
Message-ID: <6d.a9a454.25befa76@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Watch for WQ0RP(Minnesota QRP Society) , we'll be out in force.  Running qrpp (999mw) this year.

73,
Larry  kb0r

---

Date: Tue, 25 Jan 2000 07:12:21 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [61248] 160 Mtr Prop Web Site
Message-ID: <3.0.2.32.20000125071221.007a5520@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

160 Mtr Folks,

Interesting web site for 160 meter propagation info.

http://solar.uleth.ca/solar/www/topband.html

Chuck Carpenter, EM22cv, Point, Rains County, Texas

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Date: Tue, 25 Jan 2000 14:15:43 +0100
From: =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
To: <KB0R@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61249] My home page...
Message-ID: <004b01bf6736$496ae3a0$090000c0@magic.fr>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang,

Have a visit on my home page :

http://www.qsl.net/f5nzy

and sign the GuestBook.

73's de Steph, F5NZY.

---

Date: Tue, 25 Jan 2000 07:17:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61250] Re: ANT FARM: What's in the works?(NNWTK)
Message-ID: <Pine.LNX.3.95.1000125071518.21968A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmmm......Chuck once mentioned in an e-mail to me that his new antenna
farm was going to put the VOA antenna systems to shame.....something's
going on eh!?!.... ;-) .....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1  QRP-L#886  ARCI#9683  Zombie#272
          A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
          S4S-4Z2, Canada  -AR Stamp Collector-   "QRP! How sweet it is!"
                         "I am da man wit "DAH" paddle!"

---

Date: Tue, 25 Jan 2000 08:23:15 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <mgipe@reliablemeters.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [61251] Re: Feedline Loss; CPU Ribbon OK IF!
Message-ID: <008601bf6737$c838efa0$3bb17ed8@dbw-11-main>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1252"
Content-Transfer-Encoding: 7bit

Mike,
Sorry, I must have misread your original post.
My recommendation would be to eliminate the transformer altogether.  That
way the antenna and feedline combination can serve as  multiband antenna
with resonant feeders.  The loss is low enough to do that.
The loss on the Teflon twisted pair is even better and would be a great
multiband portable antenna when used with a tuner.
73,
Don Wilhelm  -Chapel Hill, NC

W3FPR  QRP-L # 485  K2  SN 0020
.
>Don --
>
>Yes, that's why I suggested a 4:1 transformer at the antenna feed (that is,
>right at the antenna itself, at the other end of the feedline).  Of course,
>that transformer adds its own losses which might ruin the whole scheme
>anyway.
>
>To clarify,  the original proposal was:
>
>rig  ==>  ZM2  ==> feed line ==> 4:1 xformer ==> antenna
>
>50 ohms  50>200  200 ohms  200>50  35-80 ohms
>

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Date: Tue, 25 Jan 2000 09:25:25 -0500 (EST)
From: JOHN FISHER <ve7fdg@mad.scientist.com>
To: qrp-l@Lehigh.EDU
Subject: [61252] acorn tube transmitter
Message-ID: <380910052.948810325833.JavaMail.root@web36.pub01>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need a copy of CQ march 1990
It has an article on tube transmitters , in particular one about an acorn
tube transmitter good for 500 milliwats
thank you John Fisher VE7FDG  ve7fdg@mad.scientist.com

ve7fdg@mad.scientist.com
2137 duggan rd
nanaimo bc  V9S 5N9
canada



---

Date: Tue, 25 Jan 2000 09:26:04 EST
From: KF4EIB@aol.com
To: qrp-l@lehigh.edu

Subject: [61253] OT :  Radio swap/trade Freq.?
Message-ID: <17.ebb0b7.25bf0c7c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

Seems I have heard mention of a swap / trade freq., maybe 20 meters?

Thanks,

Gordon kv4cz

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Date: Tue, 25 Jan 2000 08:58:48 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'KF4EIB@aol.com'" <KF4EIB@aol.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61254] RE: OT :  Radio swap/trade Freq.?
Message-ID: <2D343922E283D211945C0008C7A41B2A01A7437E@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Swap/trade frequencies are all OVER the place, Gordon!

For example, on the Left Coast, there's a swap net on 40M at
Around 7.235 (7.245?) MHz on Saturday afternoons.  In Texas,
we have swap nets on Sunday morning at 1000 (Texas time) on
7.235 MHz, and then later on an 80M frequency.

Swapnets abound throughout the United States, Gordon -- from
80M up through 2M and 70 cms!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From:    KF4EIB@aol.com [mailto:KF4EIB@aol.com]
Sent:    Tuesday, January 25, 2000 8:26 AM
To:  Low Power Amateur Radio Discussion
Subject:  OT :  Radio swap/trade Freq.?

Gang,

Seems I have heard mention of a swap / trade freq., maybe 20 meters?

Thanks,

Gordon kv4cz

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Date: Tue, 25 Jan 2000 07:02:29 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61255] Re: Atlanticon News - Jan 24
Message-ID: <Pine.GSO.4.10.10001250700570.22646-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow!

I sure wish I could be there.

This EAST MEETS WEST HOMEBREW CHALLENGE will be worth the
cost alone......everything else is just icing on the cake!

73, Ron

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

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Date: Tue, 25 Jan 2000 23:25:28 +0800
From: "Sylvester, 9M8SL" <cqsly@tm.net.my>
To: we6w@netzero.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61256] Re:Feedline Loss Parallel Coax. TU...
Message-ID: <20000125152528.HXNT4579@user>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Ed & Gang,

Yes, vy interesting indeed. I've been using this setup as my feeders for
some time and certainly need more infors. Ed, your tests has been a great
service to people like me who has been using this system not by choice, but
because of our surroundings, parts availability, as well as the harsh
equatorial wx condx.

Wonder if you could kindly do more tests on the parallel coax feeders system with RG58/U RG59/U and/or 75 ohms Japanese TV coaxs like 5C-2V and 3C-2V which are more readily available here. My former doublet uses this setup in an inverted-V fashion, single aluminium pole/mast at about 50 feet and the ends of the wire elements sloping to roof heights of abt 15 feet at both ends. For those worrying about the weight of this feedline, I have taped mine at regular intervals and stationed it with cable ties along the single telescoping aluminium mast  which is it is taking most of the weight. Mine has the braids grounded at the top to the mast, as well as the bottom of the mast (dunno whether it is the right thing to do!, this is partly due to my ignorance). I then bring the dual coax feeders throught the window sil to my balanced tuner and find it works VFB for me. I find the my local electrical noises are much less than when I use the 300 ohms flat TV ribbons. Could this be due to the more lossy nature of my dual coax feeders or the better shielding of the coax system, I do not know.

Don't get me wrong, I would have use the 300 ohms TV ribbons, by the one available here are vy thin and easily cracked after a few months in the hot and humid wx condx. I have also tried another option of putting this thin flat 300 ohms TV ribbon into a small black rubber hose, a little bigger than the RG8/U and it lasted a while longer, but there is condensation even when I properly sealed it with self-amalgamating tape. Any advice on this matter is also most welcomed.

Thanks agn Ed for your efforts in enlightening us on this subject. I certainly need it!
Vy 72/3 de Sylvester (Sly) Liew, 9M8SL
Borneo Island, East Malaysia.

>Very interesting results.  Please note, I did not have two
>lengths of coax of the same brand.  Also, the one coax
>that resulted in the least waste (When shortening the other)
>ended up being unmarked but measured as 75 Ohm cable,
>RG-11.  Due to possible velocity factor differences the
>measurements may be off by a small margin but my opinion
>is that the summary results are most important over absolutes.
>Tested:
>Cable 1==> RG-8/U Foam; Tandy cable
>Cable 2==> UNKNOWN but measured as RG-11; 77 Ohms.
>Cable #1 and Cable #2 connected in parallel with braids joined
>at each end.  I heard that one is to leave the far braid open
>so I ALSO tested that.
>Results:
>Solo Cables:
>Cable #1 (foam RG-8) ==> .91 dB loss; 45.5 Ohms
>Cable #2 (RG-11 non-foam) => 1.44 dB loss; 77 Ohms.
>Joined parallel coaxial cables fed at center conductors:
>Cable 1 // Cable 2; shields connected both ends:

>       ===> 1.1 dB Loss; 92.8 Ohms.
>Cable1 // Cable 2; Shields connected ONLY at input:
>     ====> 3.4 dB Loss; 88 Ohms.
>Well, I'm spent.  Note that "//" means "in parallel with"
>Summary: Apparently the better cable dominates and
>                 The loss figure is between extremes for both
>                  cables.  The overall impedance is 2 times
>                  the smaller value with a slight increase if one
>                  cable is of higher impedance.  A best estimate
>                 might be: Zr=SQRT(Cable1^2 + Csble2^2) which
>is your basice sqrt of the sum of the squares formula.
>Be sure to Connect the shields at both ends unless there
>is something I missed here.... Doing the best I can.

---

Date: Tue, 25 Jan 2000 07:54:49 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [61257] QRP opportunities next weekend
Message-ID: <20000125155449.9868.qmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Are you looking for QRP WAS & need Kansas? Interested
in getting some DX in contest style? Want to shoot for
lowering the miles per watt record on 160M?

This friday evening it all gets started with the CQ
160M CW contest. Start up time is 22:0Z on 28 January,
& its over at 16:00z on the 30th.
Exchange is RST & state/Provence/DXCC country.

The record for 160M is now 25,250 miles per watt,
un-officially. (N4ROA & WB8QYY) Waiting on the
"paperwork" to be done.

My plan is to look for several strong stations, who
arn't getting many callers. This gives me several
clear shots at them to try my lowest milliwatts.

Next is the REF French Contest CW, getting started at
06:00Z on the 29th. As we in North America wake up
Saturday AM, check all bands & grab what you can.
Its over at 18:00z on the 30th.

There are always some interesting DX stations in this

one. But its not super popular, so we have an easier
time with QRP/QRPp. And its not "just" France ok? You
will see French territories in several parts of the
world ! Yes, interesting for sure.
Exchange is RST, & serial # starting with #1.

At 18:00z on saturday the 29 the Kansas QSO party will
begin. Its over sunday at 18:00z. Exchange is RST, &
state.
If working on WAS, Kansas can be hard to find, so
don't miss this opportunity.

Have fun !  Jim  KJ5TF

=====
Ham radio/alt energy - http://www.qsl.net/kj5tf/
http://www.madisoncounty.net/~kj5tf/
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
http://www.qrparci.org/arcijoin.html
AR QRP#2 - Kingston, Arkansas  35.94N 93.47W
Private email kj5tf@madisoncounty.net


---

Date: Tue, 25 Jan 2000 16:02:22 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [61258] OT:Digital simulation
Message-ID: <388DC90E.D8F084C7@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any recommendations for a digital simulation program?
73
Goran   ea8yu

---

Date: Tue, 25 Jan 2000 08:16:29 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [61259] Pictures of Big Brass Keys....

Message-ID: <BFEFC3386986D2119C0800A0C99B5DE60118714E@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Hi All
       I'm looking to machine up a really good quality CW key.  I'd like to build a full size straight key and need to know of any web pages with good quality pictures.    ( I've looked at Morse Express,  Schurr and G4ZPY already)
Any pointers will be welcome....Thanks

Dave  VA7DB  (Ex VE7PCC) Vancouver BC Canada

---

Date: Tue, 25 Jan 2000 11:46:08 EST
From: DOCROCK1T@aol.com
To: DBarrett@creo.com, qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [61260] Re: Pictures of Big Brass Keys....
Message-ID: <86.5d4572.25bf2d50@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Dave,

Take a look at these sites:

http://www.metronet.com/~nmcewen/tel_off.html

http://www.chss.montclair.edu/~pererat/perkcol.html

There are some fine examples of keys here.

73/2

Rick...KB7MPG
Livingston, Montana

---

Date: Tue, 25 Jan 2000 09:06:02 -0800
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61261] the Poqet PC Plus

Message-ID: <3D33CF40366DD111AC4100A0C96B22AC0536D4F5@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

 Hi there,

     I wonder if anyone has been able to format the 4 meg SRAM card to 4meg?  I can only get my pc to format it to 2 meg.  Is that the highest format?  Are there some other programs that will allow the PC to expand the SRAM or does the BIOS prevent it from going any higher?

     I have read that Flash cards can be formated up to 110 meg.  I would assume that the Flash card format up differently then the SRAM cards.

     Can someone help me with this . . .

     Please reply privately as not to tie up the reflector.

                                Thanks,

                                        Mike Wyman

W1DRY
                                        K2 FT #019

               Email:   Michael.D.Wyman@intel.com

---

Date: Tue, 25 Jan 2000 09:16:07 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [61262] For Sale:MFJ9440X 40 meter SSB/CW Transceiver
Message-ID: <20000125171607.20101.qmail@web2104.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

MFJ9440X 40 Meter CW/SSB Trasceiver in very good
condition.  Has the optional CW board installed.
Comes with Mic., Manual and original Box.  Up to 12W
manximum output.  Works very well.
$200 shipped.  73, Jack

---

Date: Tue, 25 Jan 2000 12:14:53 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [61263] Testing a chip and building an SSB generator
Message-ID: <000001bf6757$b6be3e40$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks:

Now that the HBR-20 receiver project here is "completed," I decided that while I'm on a roll--and it's snowing like crazy outside--it's time to use some of the circuitry for transmitting. Manhattan-style, of course!

Nobody on the thread responded with any usable (read cheap) 9 MHz IF filters for my project, so I've decided to use the existing receiver 4-pole IF filter and extend the HBR-20 receiver into a transceiver.

For starters, I built up a FET-input microphone amplifier for the transmitter section. It feeds a 741 op-amp with a Gain control pot at the output. No instability or tendency to oscillate here at all, even when I "up" the gain by selecting feedback resistor ratios that seem untenable. Manhattan-style construction is so very nice and stable.

Next, I built up a balanced mixer based on a 1496 chip. Has anyone ever used one of these? It's kinda neat--although obsolete (but I had two of 'em in my junkbox). The 10-pin chip (also available in a 14-pin DIP) is an array of transistors that looks very much like op-amp circuitry. That is, there are lots of diff-amps inside that use common emitter resistor connections. What I found nifty about this IC is that I could actually test it! Yes, you can check the junctions in the device from the pins--using a DMM. The circuit for the chip's innards, along with the pin-out, is shown in the ARRL handbook.

Last night I finished a 9 MHz xtal oscillator. Unlike the JFET-based 9 MHz L.O. in the receiver, whose high-Z output feeds high-Z gates of the dual-gate MOSFETs in the balanced product detector, I used a 2N2222, and wired it as a Colpitts oscillator. The output comes off as an emitter-follower (low-Z), to feed the low input-Z of the 1496.

The oscillator sounded real good and clean and stable on my Sony ICF-7600D portable receiver, so I routed its output through a short section of mini-coax (grounded at one end only in order to eliminate ground loops) to one of the 1496's input pins. On my scope I set the vertical input way down to the 50 mV region, applied DC, and nervously tweaked the 1496's Balance pot. The RF at the 1496's output went away! Nice null. Gee, this thing might work.

Next I hooked up the output of the speech amp's 741 to the input of the 1496, and reapplied DC. When I touched the speech amp input pin with my finger, my scope trace jumped off the screen. Yes-s-s. It's got RF output that appears with speech input (noise).

Now it started getting exciting. I put the little Sony at 9 MHz, and hastily cobbled up a connection to an old dynamic microphone. Lo, and behold, I could hear nice clean DSB on the Sony when I spoke. Yippeee!

Now I'm starting to think of ways to switch signals at the input of the IF filter so that it can serve on xmit as well as receive. I'm thinking about three possibilities. (1) Steering diodes, (2) a JFET gate, or (3) a tiny Teledyne RF relay. Does anyone have any other unique ideas or suggestions?

Vy 73, AI2Q, Alex in Kennebunk, Maine  QRP-L  687   .-.-.

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Date: Tue, 25 Jan 2000 12:35:21 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <dodgeboy@mindspring.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [61264] RE: cleaning dirty pots, rotaries
Message-ID: <000101bf675a$92b4c020$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We've discussed this before, but I think it bears repeating.

I've had great success with Stabilant-22, a product available from DW Electrochemical Corp. It's an alcohol-based conductive polymer that's applied to IC pins, rotating switches, pots, sliders, etc.

I've used it on radios, pin/socket headers, model trains, and automotive contacts. When applied, it exhibits a near infinite resistance between pins. But, if pressure is applied (such as between a chip's leadframe pin and an

IC socket's receptacle), the stuff's resistance drops to near zero. The company claims it's better than a soldered connection. Check out the app notes, especially those for ham radio, at http://www.stabilant.com/index.html.

Here's the usual disclaimer: I have no shares or interest in this company. I just use the product a lot to solve all sorts of problems with dirty, quirky, and noisy electrical contacts. It restored a defunct electromechanical drum-based reversing mechanism in a 1955 American Flyer train so well it works like new. It solved a very annoying problem that would periodically recur between a header and some contacts on my Ten-Tec Omni-V. great stuff. Expensive though--but a little goes a long, long way.

Vy 73, AI2Q, Alex in Kennebunk, Maine  QRP-L  687   .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Dave Benham
Sent: Thursday, January 20, 2000 10:32 PM
To: Low Power Amateur Radio Discussion
Subject: OT: cleaning dirty pots, rotaries

I have some older seldom used equipment that have developed some scratchiness in the switches and pots.  What is the best spray cleaner to clean them so I hopefully don't have to remove them and put them in the ultrasonic cleaner?  Maybe I should have asked what is the best METHOD to clean them without disassembly?  I have tried some RS stuff that doesn't really do the job -- better but still scratchy after spraying.

Thanks for any help.

Dave  K8TRF

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Date: Tue, 25 Jan 2000 12:45:58 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [61265] Q: Adding VFO to HB Pixie II
Message-ID: <4.2.0.58.20000125124551.00aa5310@172.16.1.100>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy, everyone -

I am currently trying to integrate my W1FB HB 80M VFO with my Pixie II

Xcvr, and am having a bit of a problem.  Pardon my neophyte level knowledge of electronics...I'm still learning!

Given the Pixie II circuit

http://www.qsl.net/we6w/projects/pixie2.gif

Where would you add the output of the VFO?

It doesn't seem to work when I replace my Xtal with the VFO low power output.  I can hear the VFO with my receiver, but don't get any output from the Pixie II.  when I put the Xtal back, she operates as normal. (12v = 800 Mw output)

The W1FB circuit (Kit from Dan's Small Parts, on a PCB), is working well.  It has a low and high power output, as well as a 200 ohm? output.  I've been using the low power output.

How do I hook these two up?  Use high power?  Inject the VFO somewhere else in the circuit?

Any help would be appreciated!  This electronics stuff is somewhat of a mystery to me... learning as I solder... ;-)

N9SSA - Pete Hoffswell
Holland, MI  -  EN62wt  -  42.79N 86.15W
n9ssa@arrl.net
QRP-L #2109

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Date: Tue, 25 Jan 2000 10:54:35 -0700
From: Bruce Toback <btoback@optc.com>
To: <qrp-l@lehigh.edu>
Subject: [61266] HB: Building Techniques
Message-ID: <200001251915.MAA15300@landru.optc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hi all,

Two questions:

1. A long time ago, I built several digital projects (including the CMOS keyer from the 1973 Handbook) using "dead bug" construction and a special tool that dispensed very thin insulated wire from a small bobbin through a thin metal tube. The idea was that you'd

wrap the wire a few times around an IC lead, move the tool to the next lead and wrap, and so on until all components in a node had been wired together. You then cut the thin wire using the sharp lip of the metal tube, and soldered each of the wrapped connections, insulation and all -- the insulation was designed to vaporize at normal soldering temperatures.

Does anyone know if this tool is still made, and if so, where to get it? This is not the same as wire-wrap construction: the wire is much thinner, and the connections are actually soldered.

2. What is "Manhattan-style" construction?

-- Bruce


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Bruce Toback  Tel: (602) 996-8601| My candle burns at both ends;
OPT, Inc.  (800) 858-4507| It will not last the night;
11801 N. Tatum Blvd. Ste. 142  | But ah, my foes, and oh, my friends -
Phoenix AZ 85028  | It gives a lovely light.
btoback@optc.com  |  -- Edna St. Vincent Millay


---

Date: Tue, 25 Jan 2000 12:54:42 EST
From: GUARDM@aol.com
To: qrp-l@lehigh.edu
Subject: [61267] Rainbow tuner wanted
Message-ID: <b4.bd10e8.25bf3d62@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello All,
I'm looking for a rainbow tuner, preferable unbuilt and at a reasonable cost. Anyone have one they want to part with? Also, Just finished putting together my Norcal 40a...so keep your ears open for me.

73,
Mev KG9NF
Madison Wisconsin
QRP-L #2066 10X #7014 ARS #641
http://www.qsl.net/kg9nf
"They looked at me like I had lobsters coming out of my ears!" -A Christmas Story-

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Date: Tue, 25 Jan 2000 13:07:55 -0400
From: w4bld@juno.com
To: qrp-l@Lehigh.edu
Subject: [61268] Cliff Dweller Antenna ?
Message-ID: <20000125.131002.-913895.19.w4bld@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Gang - Does anyone know anything about the Cliff Dweller Antenna
and who sells this item. Thanks, Bob

(FOR E-MAIL WITH ATTACHMENTS, USE: rbkerby@yahoo.com & copy me at juno)
Robert B. Kerby
Post Office Box 991  (UPS 231 Rosser Avenue)
Waynesboro, VA  22980   (540) 942-4356
I collect Morrow, Gonset, and Ten-Tec QRP rigs plus European Broadcast
Radios.



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Date: Tue, 25 Jan 2000 10:05:58 -0800 (PST)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61269] Norcal paddle kit
Message-ID: <20000125180558.5915.qmail@web1101.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am looking for a NorCal paddle kit either unbuilt or
built.  Anyone have one for sale?  Thanks for the
bandwidth.
Dave Pomeroy K8DNP



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Date: Mon, 24 Jan 2000 21:00:19 -0500
From: "Scott Howell" <n3byy@yahoo.com>
To: <w2bj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [61270] Re: How the Navy Killed my 17 year old  son!
Message-ID: <007c01bf6761$f97d72a0$cc50fea9@HQ.NASA.GOV>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's incredible. I am also very sorry to hear of your loss. I don't know
what to tell you, but I'd certainly notify your Congress person. I realize
this might be a silly thing to say, but you no the Navy will not claim
responsibility. I'll keep you and your family in my thoughts.


73 de Scott/n3byy
Laurel MD
http://www.qsl.net/n3byy
for immediate response, send mail to n3byy@amsat.org





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Date: Mon, 24 Jan 2000 21:03:40 -0500
From: "Scott Howell" <n3byy@yahoo.com>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [61271] Re: How the Navy Killed my 17 year old  son!
Message-ID: <007d01bf6761$fabc5b40$cc50fea9@HQ.NASA.GOV>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also echo Paul's comments. I'm deeply saddened to hear of your loss and
only wish you and your family the very best during this time.
I would also agree with Paul's advice and believe this to be the best route.
If you do not get any satisfaction, I'd contact your Congress person who
will certainly take an intrest in this matter.
I wish you the very best of luck in resolving this matter, but also will
keep you and your family in my thoughts.

73 de Scott/n3byy
Laurel MD
http://www.qsl.net/n3byy
for immediate response, send mail to n3byy@amsat.org



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Date: Tue, 25 Jan 2000 18:25:10 -0000
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <QRP-L@lehigh.edu>
Subject: [61272] UR CONTEST
Message-ID: <000401bf6763$511de480$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too late for SPRAT
.... but news of a contest....

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.
 Dear George, I send you the conditions of the Winter UR-QRP Club Activity Day.
      Best 72/73!  Peter, US1REO, President of the UR-QRP Club
.....
               The Winter UR-QRP Club Activity Day
---
 The UR-QRP Club holds its Activity  Day  from  10.00  26.02.2000 till 10.00 27.02.2000 (GMT). All  Radioamateurs  are  welcome  to participate in the Club Activity Day.
 You can work QRP: with no more than 5W output CW and  10W-  SSB. It is recommended to work on QRP bands. General Call: "CQ UR QRP".
 1. QSO with the member of the UR-QRP Club- gives 5 points;
 2. QSO QRP/QRP (not members of the Club)- 3 points;
 3. QSO QRP/QRO or QRO/QRP- 1 point;
 4. QSO on band 160m- points double;
 5. Qso with the  correspondent  from  another  country-  plus  1 point. Minimum information for the QSO: RS(T), the name  of  the

operator, his power output, members of the UR-QRP Club also give their Club number.
In the account should be indicated: the date and time of the QSO, the Call of the correspondents (if it is the member of the UR-QRP Club, it isnecessary to give his Club number), RS(T), the correspondents' power output. It's also necessary to indicate the quantity of all the QSO, the quantity of the QSO with the members of the UR-QRP Club, the quantity of the countries and all the points. The Applicant of the Activity Day must indicate the power output of his Rig.
The account must be sent to the address: Vladimir Tretyakov, P.O.Box 41, Konstantinovka-10, Donetsk Region, 85110, UKRAINE.
The winners will be presented with special Awards. The UR-QRP Club members who twice become the winners the two Club Activity Days and fulfil the Awards programme of the UR-QRP Club will get the title "The UR-QRP Club Master". They will be awarded a special Diploma.

George Dobbs G3RJV "It is vain to do with more
g3rjv@gqrp.demon.co.uk what can be done with less"
The G QRP Club
[www.gqrp.demon.co.uk] William of Occum. 1290-1350

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Date: Tue, 25 Jan 2000 13:48:20 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <hosinsky@royac.iac.es>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61273] RE: Digital simulation
Message-ID: <NBBBJDEEIFDDANGEGHLBEEAJIJAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Goran... I have both Electronics Workbench (now called: MultiSim V6) http://www.electronicsworkbench.com/; and CircuitMaker 6 by Microcode Engineering... and only with the latest release would I have a clear preference: MultiSim. But the two are VERY close, and MicroCode is a lot easier to deal with as a company. And I THINK CircuitMaker v6 is more comprehensive, partswise. Also, if you want to do RF simulations, MultiSim wants another $500 I think it was... could've been more-it's out of my range anyway.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

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Date: Tue, 25 Jan 2000 11:03:14 -0800 (PST)
From: nader omer <naderomer@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [61274] internet throw hf radio
Message-ID: <20000125190314.27499.qmail@web3302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

dear ham radio
who can i connect to the internet using my hf radio
and is there any tnc used for that and which mode
is used ,and bbs frequncey.

best 73,s
good luck

7z1zz



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Date: Tue, 25 Jan 2000 11:06:47 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [61275] QRP Get Together Wednesday Night
Message-ID: <025301bf6767$551e3a40$947d68cf@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I get to go back to work on Monday, and would like to celebrate by having one of our QRP dinners in the San Jose area. We haven't done this for a long time. How about meeting at 6:30 at St. John's near HRO on Lawrence Expressway across from the old Fry's? Bring your latest qrp building project for us to drool over, and we'll have some fun. Let me know

if you can make it.  72, Doug, KI6DS

St. John's is a bar and grill, featuring some great sandwiches.  Their hamburgers are great for those of you who have those on your diet, groan. But they do make a great teriyaki chicken sandwich.

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Date: Tue, 25 Jan 2000 14:38:57 -0500 (EST)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61276] FYBO 2K de WQ3RP
Message-ID: <Pine.LNX.4.04.10001251430530.23261-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 Jan 2000, Steve/n0tu wrote:

> So what if any of you hardy QRP souls are headed for the great outdoors?

Once again the MDmW's will be out as WQ3RP.  With a little luck we can break the lock we've had on second place for the past few years.  :)  So, anyone up for betting a case of soup, given to a local shelter, on the outcome again this year?  How 'bout you MN boys...

-- Chris Cartwright,  Technical Engineer  |      ccart@phideaux.com      --
-- N3XRV     ARRL-VE   Norcal Zombie #163  |   Gaithersburg, MD FM19je    --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

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Date: Tue, 25 Jan 2000 14:41:55 EST
From: GElam30092@aol.com
To: w4bld@juno.com, qrp-l@lehigh.edu
Subject: [61277] Re: Cliff Dweller Antenna ?
Message-ID: <15.a1979c.25bf5683@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 1/25/2000 11:06:27 AM US Mountain Standard Time, w4bld@juno.com writes:

<< Hello Gang - Does anyone know anything about the Cliff Dweller Antenna
 and who sells this item. Thanks, Bob >>

I'm definitely one of the neophytes here so my answer *could* be wrong.  I don't think I've seen references to a Cliff Dweller Antenna BUT, there is a CliffDweller e-mail list at http://www.qth.net/  that deals with antennas for those who live in apartments, condos, etc.

Good luck!
Gerry Elam, K1LRO/7
PHX ( 75 degrees today!!!!!!!!) AZ

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Date: Tue, 25 Jan 2000 14:51:36 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>, "klqrp_submit (E-mail)" <klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, n9ssa@arrl.net
Subject: [61278] RE: Q: Adding VFO to HB Pixie II
Message-ID: <66FCE0D1DF76D311913800805F6D0FA35AF417@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

If you want to hook up the VFO via the xtal plug are you disconnecting C1 and C2?. If they are left in the circuit they will RF short circuit the VFO signal and little will get through the Q1 stage. C1 and C2 serve as a feedback mechanism for the oscillator. Also in this case you may want to add an new R1A 10k resistor between the bae of Q1 and ground to setup bias to the Q1 stage for an amplifier mode. R2 may be OK as 1.5K but may have to be reduced so what.

Another simplier alternative depending on the VFO output level is to run it via a coupling capacitor about 100pF directly into the final Q2 and forget changing the Q1 stage. My guess is the VFO circuit via the 200 ohm output path may have enough power to run the final directly.

When using the VFO leave the xtal out of the socket. When using xtal leave the VFO disconnected or turned off. That way you can use either mode at different times with minimum impact on the original configuration.

I haven't tried the external VFO  but I do have a dual VXO system on my PIXIE. Check out my web page.

Sam Billingsley   AE4GX  Atlanta, GA
personal web page  at http://ae4gx.home.mindspring.com/
North Georgia QRP Club web page at http://www.qsl.net/nogaqrp/

Subject: Q: Adding VFO to HB Pixie II
From: Pete (N9SSA) (n9ssa@arrl.net)
Date: Tue Jan 25 2000 - 12:45:58 EST
>>snip>>>
I am currently trying to integrate my W1FB HB 80M VFO with my Pixie II Xcvr, and am having a bit of a problem. Pardon my neophyte level knowledge of electronics...I'm still learning!

Given the Pixie II circuit

http://www.qsl.net/we6w/projects/pixie2.gif

Where would you add the output of the VFO?

It doesn't seem to work when I replace my Xtal with the VFO low power output. I can hear the VFO with my receiver, but don't get any output from the Pixie II. when I put the Xtal back, she operates as normal. (12v = 800 Mw output)

The W1FB circuit (Kit from Dan's Small Parts, on a PCB), is working well. It has a low and high power output, as well as a 200 ohm? output. I've been using the low power output.

How do I hook these two up? Use high power? Inject the VFO somewhere else in the circuit?

Any help would be appreciated! This electronics stuff is somewhat of a mystery to me... learning as I solder... ;-)

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net
QRP-L #2109

---

Date: Tue, 25 Jan 2000 12:00:17 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61279] Vernier Dial source.
Message-ID: <388E00D0.88CDEB34@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, Mark/AB0CW says to check out a good source
for vernier dials.  He can't post so asked me to
do so.

http://www.freng.com
72/Ed we6w

>>>Mark's request:

 Hi Ed-

        Don't know if you remember me or not,  but we've had a few QSOs
in the past,  I am Mark, AB0CW.  Anyway,  I've been trying to post to
QRP-L without success,  I think because our network here where I work
converts my plain text into html,  even though I have my settings set
for plain
text.  I wanted to let the qrp-L group know that there is a source of
NEW vernier dials on the web,  at pretty decent prices.  I build lots of
receivers and
always need vernier dials.  ANyway,  they are at http://www.freng.com.
They also sell lots of other parts that may be of use to QRPers-  they
distribute
for Maplin in the UK.  I DO NOT have any affiliation with these guys,
just thought that the group might find this info valuable.  If you
like,  feel free to post
this info to qrp-L,  doesn't look like I can do it from here.

        Vy 73,

        Mark, AB0CW

--
-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP
 http://www.qsl.net/we6w  Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

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Date: Tue, 25 Jan 2000 15:03:46 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, NoVa QRP
group <NoVaQRP@topica.com>
Subject: [61280] PJ2/DL1CW is on 21.033.8 calling CQ (2000Z  1/25/00)
Message-ID: <388E01A1.5D52A925@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just worked PJ2/DL1CW on 15m with my 5 watts and attic dipole.  He is 599 here in snowy Northern VA.  He gave me a 599 and "nice sig" to my QRP id.

Jake -- N4UY

---

Date: Tue, 25 Jan 2000 15:06:31 -0500
From: "Tracy, Michael,  KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [61281] FS: 509 Argonaut w/405 amp
Message-ID: <8060D04206ABD2118C6800805FC743CC010BEBB2@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Ten-Tec Argonaut 509 QRP transceiver, matching 405 amplifier (50W) and matching power supplies.

The Argo is slightly modified and not cosmetically perfect (it has three small switches added to the front panel), but it works just fine.

The amp has an odd problem (about 1/2 the time when it is turned on, the fuse blows).  I never looked into it because I never needed the amp.  :-) (it was a package deal)

Asking $200.

73, Michael Tracy, KC1SX

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Date: Tue, 25 Jan 2000 14:18:27 -0600
From: "Eric Jensen" <ejensen@siemens-psc.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [61282] OT: generator kit
Message-ID: <003f01bf6771$5811f340$228586a1@empros.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is anyone aware of a source for a generator kit that could be used to demonstrate both dc and ac power generation?  This would be built by a cub scout with the help of an adult.  Plans for such a generator would be an alternative.

Eric
KI0MF

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Date: Tue, 25 Jan 2000 14:31:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>,
WA4NID@amsat.org
Subject: [61283] QRP Quarterly
Message-ID: <Pine.LNX.3.95.1000125142002.21288A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just to let you know Dave, that I received the January 2000 issue in
100% shape in today's mail....boy, it's another one to be
treasured....many sincere thanks to the entire QRP Quarterly staff!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1  QRP-L#886  ARCI#9683  Zombie#272
          A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
          S4S-4Z2, Canada  -AR Stamp Collector-   "QRP! How sweet it is!"
                         "I am da man wit "DAH" paddle!"

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Date: Tue, 25 Jan 2000 15:49:54 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ejensen@siemens-psc.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [61284] Re: generator kit
Message-ID: <015701bf6775$c811af60$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, without actually trying it...

I would suspect a stepper motor would be a good source to build
a simple AC (OK, alternator) as the magnets are fixed as well as the
coils, and the coils would be exposed to both directions for the
flux changes.  You could show AC off the individual windings
(steppers generally have may slightly out of phase) and rectify
each with a full wave bridge, and tie them together for "DC" to
show how that's done.

And wouldn't a small 'brush type' DC motor be a 'generator' in the sense that the brushes would always make sure the coils were 'swapped out' to pulse DC?  Just put a diode in series to prevent charge depletion and a cap to filter it.

I'd mount them on a small board with a small hand crank.  You might have to 'gear it up' to get any kind of usable power from it though. With that in mind, maybe rig up something that would rub against a bicycle tire?

Mike

> Is anyone aware of a source for a generator kit that could
> be used to demonstrate both dc and ac power generation?  This
> would be built by a cub scout with the help of an adult.  Plans
> for such a generator would be an alternative.
>
> Eric
> KI0MF

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Date: Tue, 25 Jan 2000 12:43:57 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [61285] Which Yaesu Knob is being used on the K2?
Message-ID: <20000125204357.24759.qmail@web2101.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
  I understand that one of the Yaesu knobs fits perfectly on the K2 to serve as the frequency tune control knob.  Is it the FT-100 knob I am looking for?
 Can that be ordered directly from Yaesu?  Also am I correct that it does not take any additional modification to the K2 to make it fit?
Thanks,
Jack

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Date: Tue, 25 Jan 2000 15:48:55 EST
From: K1DXradio@aol.com
To: qrp-l@lehigh.edu
Subject: [61286] Re:HB:Dan's Kits Centennial Transceiver?
Message-ID: <dc.eb8d4b.25bf6637@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I built one about a year and a half ago. Bottom line: It works as advertised, but the performance rots. As shipped, the coverage is much too great. I adjusted the VFO components to give a 3775-3910 coverage, as I recall. It drifted miserably. The VFO is tuned by a varicap (diode) and the whole thing was mechanically and thermally unstable. The selectivity was sufficient to give a reasonable unwanted sideband rejection, but otherwise was VERY broad. I didn't make measurements, but I'd guess the "filter" bandpass was in excess of 8 kHz -- very annoying. On the plus side: it is cheap, has good sensitivity, and it puts out about 10W. However, average power is probably a couple of watts because of the lack of processing and the filter which favors the highs. Overall, I thought little enough of it to dump it on eBay for someone else to be annoyed by it. If I were going to go for a monobander, I'd go with the MFJ. -- Just my two cents worth. Enjoy - 72/73 - George, K1DX

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Date: Tue, 25 Jan 2000 15:48:46 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [61287] FWD - 1 Volt Challenge report
Message-ID: <000d01bf6775$a693c580$20a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm forwarding this for my buddy/elmer, Dr. Jim Roberts, NC9H, who's not a QRP-L member. He placed third in the 2N2222 building contest.

Denny Payton, N9JXY
Auburn, IN
.............................................

'Just got a 1 volt superhet breadboarded.  I had to add a stage to both the IF and AF to make up for lower gain at reduced voltage.  However, it was simpler to bias the base off the collector using no divider to ground.  This was pointed out by Steve Weber KD1JV up there in the beautiful white

mountains of New Hampshire, I believe.  As the current flow varies, the bias self
adjusts (handbook).  I'm still looking for a way to deal with dropping supply voltages as the battery discharges from 1.5 to 1.0.  This 50% change can cause considerable gain difference and oscillator frequency shifts. Maybe somebody can suggest a regulator.  Otherwise, perhaps a rheostat in series with the battery will have to do.  Jim Roberts NC9H

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Date: Tue, 25 Jan 2000 12:53:23 -0800
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [61288] Parts Wanted
Message-ID: <388E0D43.2324@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I just finished looking at the Fall 99 QRPp and the excellent article by Gary AB7MY summarizing the recommended mods to the NC20. It has gotten me motivated to give the changes a try. I had previously put in the AGC mod and along the way misplaced the D9 MPN3404 which I need to add back to minimize the thump. I also need a few other parts.

If anyone has extras of the following parts they would like to offer I would appreciate the opportunity to purchase them.

1) MPN 3404 - one needed
2) J309A -- minimum of 2
3) MRF904 - one needed

All of the other miscellaneous items seem to be available in my "junque box".

Thanks es 72
Elliott WA6TLA

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Date: Tue, 25 Jan 2000 16:06:57 -0500
From: Wayne A Smith <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [61289] Re: Norcal paddle kit
Message-ID: <20000125.160659.8038.0.k8ff@juno.com>

Hi Dave,  The only source for a new "NORCAL" paddle is from Vibroplex. They are currently building and selling an improved version called "The Code Warrior Junior".  It is available assembled and has a powder coated base and silver contacts with thumb screw adjustments.  They should be shipping from stock since catching up on the back orders generated around Christmas.  You can call Vibroplex at 1(800)840-8873 for details.

Best 73,  Wayne K8FF

On Tue, 25 Jan 2000 10:05:58 -0800 (PST) Dave Pomeroy
<dave_pomeroy@yahoo.com> writes:
>I am looking for a NorCal paddle kit either unbuilt or
>built.  Anyone have one for sale?  Thanks for the
>bandwidth.
>Dave Pomeroy K8DNP
>_____
>Do You Yahoo!?
>Talk to your friends online with Yahoo! Messenger.
>http://im.yahoo.com



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Date: Tue, 25 Jan 2000 16:08:03 -0500
From: "Larry H. Lyda" <wa4pjp@volstate.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [61290] My web page
Message-ID: <007c01bf6778$468019c0$1a338cd1@larry>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please check out my web page.

TNX & 73

Larry H. Lyda

WA4PJP Home Page
http://www.volstate.net/~wa4pjp/wa4pjp.htm

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Date: Tue, 25 Jan 2000 13:15:23 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [61291] Thanks! (K2 mod with Yaesu FT-100 Knob)
Message-ID: <20000125211523.7955.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for the replies on the K2 knob replacement.  I
will order the FT-100 parts from Yaesu.
73,
Jack


---

Date: Tue, 25 Jan 2000 16:22:30 -0500
From: "Tracy, Michael,  KC1SX" <mtracy@arrl.org>
To: "'QRP Email List'" <qrp-l@lehigh.edu>
Subject: [61292] RE: 509 Argonaut w/405 amp
Message-ID: <8060D04206ABD2118C6800805FC743CC010BEBB8@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Yup, the're gone.

73, Michael Tracy, KC1SX

> Ten-Tec Argonaut 509 QRP transceiver, matching 405 amplifier (50W) and
matching power supplies.

---

Date: Tue, 25 Jan 2000 16:28:29 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [61293] HB:  The Georgia Sierra - QRP Transceiver (A detailed peek)  **Lo
     ng but worth it**
Message-ID: <66FCE0D1DF76D311913800805F6D0FA35AF4B6@MAILSERVER1>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

The new QRP Quarterly Jan 2000 issue has the article " Georgia Sierra - QRP Transceiver" pg 29 by Mike Branca/W3IRZ, Conyers, GA.. The article and the following information may give you a little more insight on how to have fun the homebrew way.

> The North Georgia QRP club meets bi-monthly and a few meetings ago Mike
> brought in his HB Sierra that he had been working on for the better part
> of a year. What peeked everyones interest was the fact that he had figured
> out of to use common computer (stock/cheap) xtals for the band modules and
> eliminated the very hard to find air variable capacitor. I had studied the
> ARRL Handbook Sierra article many times and these two problems always had
> stopped me from going forward with the HB build. But several of us stood
> up and said "we want to give it a try too". Six months later we're just
> getting really started with construction but there has been a flurring of
> activity and discussions on MODs, components and circuits. With all due
> respect to Norcal and Wayne Burdick N6NR , the creator of the Norcal
> Sierra, we locally at NOGA call our little project the Georgia Sierra.
>
> Well after almost 6 months Mike Branca W3IRZ and I finally got to discuss
> his Homebrew Sierra in detail. It's funny since a group of seven guys in
> NOGA have been exchanging emails and telephone calls about this project so
> long. In fact we have exchanged over 300 emails directly between the NOGA
> Sierra
> build group. (Aren't you glad we didn't send them all to the list.) This
> little group as members more than 100 miles apart so direct meetings are
> not easy.
>
> The afternoon plan was to fire The GA Sierra up on a dummy load and check
> out all band
> modules with my newly built homebrew (partial kit from Kanga US) Wes
> Hayward/Terry White Spectrum Analyzer and get some digital pictures of the
> rig to try to show the details of Mike's neat MODs. I can honestly
> say that it was an enjoyable afternoon and the results of the tests and
> experiments were better than I had hoped. In fact, based our the results I
> see I'm backing off on some of the next MODs I was planning. It just works
> too good to muck with good thing.
>
> I don't have time to write up a real detailed narrative but with a few
> comments and the pictures you should get the idea.
>
> Here's the temporary test bench
> http://ae4gx.home.mindspring.com/w3irzbench.jpg
>
> From left to right:

>
> My HB W7ZOI/K7TAU  S.A. with o-scope display on top
> My 20+ year old HP scope to check dummy load output
> Mike's Resistive bridge to knock down the signal to about 50 mW into S.A.
> The band module storage case
> Mike's HB Sierra with the top up
> (We're in the shop/laundry room so excuse the stuff)
>
> The first thing I wanted to study was how Mike put the Varactor VFO
> together
>
>
> http://ae4gx.home.mindspring.com/w3irzvfo.jpg
>
> See the Main tuning 10-turn POT with the assoc. circuitry handing there.
> (Very stable no freq change or microphonics)
> Mike relocated the main VFO inductor from the side to eliminate some
> capacitance change when flexing the side.
> Note the poly caps with the POT.
> The BIG brown caps are old style silver micas that he had. (What ever
> works)
> The tuning was very smooth and very stable. I was impressed. In fact I
> will
> not try the more extensive VXO MOD I was going to do.
>
> The second MOD was the Variable bandwidth I/F Filter
>
> http://ae4gx.home.mindspring.com/w3irzabx.jpg
>
> The varactor diodes are in the place of the original fixed caps and the
> voltage feeding resistors are vertical.
>
> The smoothness of the wide to narrow shift is SUPER. The filter is about
> as
> tight as you would want and the wide would be great for NCS net duty with
> the RIT giving you the RX shift if need be. Great combination.
>
> Mike used a frequency counter board and parts from Dan's,  I believe. This
> may
> not be what you do but it shows how he put it in the rig with the preamp
> in
> ugly construction mode feeding the counter board. Great effort, stable
> display, no RF hash or noted interference.
>
> Check it out at http://ae4gx.home.mindspring.com/w3irzfreqctr.jpg
>
> BTW that weird looking bent aluminum over the top of the pix is the Final
> HB

> heat sink.
>
>
> Mike mentioned that for several IC locations that he used pin strips for
> the
> sockets so he could solder tight spots. (With a small pointed soldering
> iron it's OK. I did need to Demel off some indents in the edge connector
> socket to get good solder on the band connector. But there's just a
> limited one fo places is NO PROBLEM.)
>
> Look at this for ideas: http://ae4gx.home.mindspring.com/w3irzsocket.jpg
>
> The other neat thing that Mike did was build a homemade enclosure complete
> with a neat hinged top and spring latches.
>
> check out these: http://ae4gx.home.mindspring.com/w3irzcase.jpg
>
> Notice the NOGAPIG assembled kit (without a case -  Mike just finished
> his) being used to protect this valuable rig, the speaker
> holes on top and the S-meter (fancy for sure). BTW have you ordered a PIG
> yet?
>
>
> Here's a different view:
> http://ae4gx.home.mindspring.com/w3irzhingedtop.jpg
>
> The frequency counter and preamp are behind the wall to the rear.
>
> If you have never looked at a plugin band module here's one
> http://ae4gx.home.mindspring.com/w3irzbandcard.jpg
>
> On this board Mike soldered them to be vertial but later changed to
> horizontal on other modules.
>
> Boy that's a lot of toroids but we actually retuned each module with the
> S.A. in minutes.
>
> Since Mike made all band modules from 160 - 10 including WARC he needed a
> storage case. So using a Xmas card box he got creative and built a simple
> cheap case to organize and protect the modules not in use.
>
> Check it out  http://ae4gx.home.mindspring.com/w3irzbandstore.jpg
>
> You're looking at a lot of work. Since these non-plated through two sided
> boards need jumpers between all used fingers plus the normal work.
>
> Well after all this you're asking where's the BEEF?
>

> Here's some Spectrum Analyzer shots of three of the bands. Mike still
> tweaking them but all but 12 mtrs was directly usable as is. May have a
> bad
> trimmer/osc xtal on the 12 mtr board. (note: It turned out to be poor
> quality caps and bad solder joint. FB now)
>
> 40 meter output  http://ae4gx.home.mindspring.com/w3irz40mtr.jpg
>
> 30 meter output http://ae4gx.home.mindspring.com/w3irz30mtr.jpg
>
> 10 meter output http://ae4gx.home.mindspring.com/w3irz10mtr.jpg
>
> The tall blip on the left of the screen in the Zero frequency spur so
> you're
> seeing the fundamental first thing to the right of the zero spur and then
> the second harmonic to the right of the fundamental. The vertical scale is
> approx. 10 dB per unit but it hasn't been certified.
>
> Of course I couldn't let Mike go with just looking it this rig on the
> bench
> I had to try it out so we moved it to my station table and hooked it up to
> my Inverted L longwire via my LDG tuner. This is my normal station antenna
> and tuner.
>
> Here's the setup: http://ae4gx.home.mindspring.com/w3irztestdrive.jpg
>
> We listened on 40 and 20 and I got K3QA on 20 mtrs at 2104Z 1/22 on
> 14.060.
> He gave me a 579 and I gave him a 589.
> I was running about 1 watt.
>
> Bottom line:
>
> If the rig had been covered  and you just had to listen and turn the
> controls you would think it was a commercial rig with super quiet ears.
> The
> variable IF filter is very neat and the main tuning rate was no problem at
> any bandwidth.
>
> Wayne Burdick did a super job in designing the original NORCAL Sierra and
> the Wilderness enhancements are well worth building it. I know everyone is
> excited about the K2 (me too) but the Sierra will always have a place very
> special for me.
>
> Mike Branca's HB MODs to the original NORCAL SIERRA found the the last
> several ARRL Handbook can more easily constructed with cheaper parts
> (xtals, and varactor tuning) thus adding more bang for the buck and a BIG
> LEARNING EXPERIENCE to boot.

>
> I know most folks won't really want to dig into the guts of HB rigs to
> this depth but if you really want to get the feel for a classic vintage
> QRP rig that will no doubt go down in QRP history as one of the best, if
> not the best,  multiband rigs ever make (originally developed by a club no
> less) then go to the Wilderness web page and buy yourself a WILDERNESS
> SIERRA and have some fun.
>
> We, at NOGA, are proud to have Mike Branca W3IRZ in our little group. He
> has helped us all regain some of the spirit that makes QRP and the
> practicioners of QRP so special.
>
Visit us at the NOGA club anytime at the following:

> Sam Billingsley   AE4GX  Atlanta, GA
> personal web page  at http://ae4gx.home.mindspring.com/
> North Georgia QRP Club web page at http://www.qsl.net/nogaqrp/
>
>
>
>

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Date: Tue, 25 Jan 2000 13:43:20 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61294] K2 building and MN-9 offer.
Message-ID: <388E18F8.B20CB0FF@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, I'm looking to start my 3rd
K2 build at the middle to End of February.

This will probably be the last K2 I build
but it is going to be great!  After this,
I am looking ahead to other challenges.

I'm thinking my project backlog should be
manageable around April and I was hoping
someone who "Has in their Posession", a
MN-9 rig to build, perhaps I can
cut you in on one of my famous deals to build
your rig for free.  No strings attached.

Of course, if I win the lottery I'll buy

my own rigs!  Har!

Anyway, If you can't buy them, build/borrow
them for a short while.

Just be sure to build 'em right!  So far I'm
batting like 8/8 on bigger kits built.  Or is it
12/12 or????  Lost count.

The Jan/2000 QRQ Quarterly mentioned they'd be on
the shelf at HSC but I didn't look yet.  HSC is
in Rohnert Park here where I work.  And only about
8 minutes from my house, even in heavy traffic.

The Deal:  I build the rig for free.  No costs.  You
handle all shipping.  I get to play with the rig
for a few weeks after building and calibration is
completed.  I ship it back to you and you send
shipping money to me when convenient.

Qualifiers:  I prefer CONUS only.  Also that you
actually need help with the building due to
reasons which I assume are valid but I don't pry.

This is for the MN-9 rig only.

April time frame or when the rigs actually are
on the market.

Until then, I can't wait to finish My 3rd K2!!

Regards,  Ed/WE6W.  My QRZ.COM address is good.
--
-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP
 http://www.qsl.net/we6w  Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

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Date: Tue, 25 Jan 2000 14:44:15 -0700 (MST)
From: "James P. Rybak" <jrybak@mesastate.edu>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61295] RE: Digital simulation
Message-ID: <Pine.LNX.4.10.10001251441140.30132-100000@mesastate.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree with Ed that the MicroCode people (maker of CircuitMaker 6) are a lot easier to work with.  In addition, their product is excellent.

I have tried both products and have dealt with both companies.  I have no financial interest in either.

73,

Jim Rybak  W0KSD

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Date: Tue, 25 Jan 2000 17:01:23 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "Radio Astronomy Reflector" <radio-astronomy@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [61296] FW: Yukon Meteor Blast
Message-ID: <NBBBJDEEIFDDANGEGHLBCEBFIJAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

I thought you folks would find this interesting-QRP-L people please forgive the off-topic post... but I hadn't heard this anywhere else.

-----Original Message-----
From: owner-sciencenews@sparklist.com
[mailto:owner-sciencenews@sparklist.com]On Behalf Of Space Science News
Sent: Tuesday, January 25, 2000 03:15 PM
To: sciencenews@sparklist.com
Subject: Yukon Meteor Blast

Science@NASA Space Science News for January 25, 2000

Yukon Meteor Blast: A thunderous meteor streaked over Canada's Yukon Territory last week. Now a NASA airplane has flown through the debris cloud in search of extraterrestrial particles. FULL STORY AT

http://spacescience.com/headlines/y2000/ast25jan_1.htm

<a href="http://spacescience.com/headlines/y2000/ast25jan_1.htm">Yukon Meteor Blast</a>



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Date: Tue, 25 Jan 2000 14:19:18 -0800
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61297] Update:
Message-ID: <3D33CF40366DD111AC4100A0C96B22AC0536D4FD@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Hi All,

I have been doing some research on the Poqet PC + and have come to the conclusion that the BIOS is only going to allow us to format the SRAM cards to 2 Meg. It looks like the BIOS is not able to accept anything higher. Maybe someone will generate a patch for the BIOS or find some other back door way to gain the extra space but I have exhausted most of the ideas I had on it. We do know that the BIOS is a version of Phoenix BIOS (no connection to my QTH in Higley AZ!!). Maybe they can help us. The version is OLD though.

I am however pushing on to see if a compact flash memory will format up. I have the carrier for the compact flash from Sandisk. Now I need to try it with a module. I will let all know if I am successful. Chances are if Al Wong did it then it will most likely succeed. Guess I'll find out tonight. By the way Best Buy has all the stuff in stock.

72 de Mike W.

W1DRY

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Date: Tue, 25 Jan 2000 14:30:31 -0800
From: Ed Loranger <we6w@qsl.net>
To: Frank Krozel <frank@electronicinstrument.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61298] Re: K2 building and MN-9 offer.
Message-ID: <388E2407.3BC6CFAC@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

many have asked:

What is a MN-9?

My answer:
It is a 9 band HF rig (Kit) designed by a
guy in Reno, Nevada who knows Ron, KU7Y.

I saw the case at Pacificon but it was reworked
since then.  I don't know anything else.

72/Ed we6w

disclaimer:
I have no association with anyone except QRP-l.
--
-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP
 http://www.qsl.net/we6w  Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

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Date: Mon, 24 Jan 2000 23:04:33 EST
From: Richard S McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [61299] Re: TiCK Keyer
Message-ID: <20000125.172637.4567.0.kc8aon@juno.com>

Well, I guess it varies from order to order, this is the message I got
from them today - looking forward to trying it out !  I plan on building
a homebrew paddle/keyer combo with it to use with my Heathkit HW-8 !

73...Rick McKee KC8AON     { CW lives as long as I do ! }
Willow Wood,Ohio

AR QRP # 269
QRP-L # 2112
ZOMBIE # 718

Rick -

   Thanks for your email.

   Your order went out this morning.  Sorry about the delay,
but I was waiting on a part and finally got it over the weekend.
I usually ship within 1-2 days normally.

You should receive the TiCK kit soon!

73, Gary N2JGU
Embedded Research



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Date: Tue, 25 Jan 2000 17:34:28 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [61300] FOX Alert:  First warning!
Message-ID: <698DB793D712D31180B600902746422D50BB86@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Well gang, get used to the condx tonight as we all hunt for the Fox during
the 0200-0400 time slot.  I will be in the same time slot on Thursday
evening - 1/28/00 - 0200 UTC.

I will be running my Icom-728 with a Bencher Audio Filter on the AF output.
I will most likely use the Butternut HF6V for the entire time, unless I feel
there are more local stations in there that I can make out.  In that case I
will switch over to the 132 foot doublet and my ZM-2.  I'm be ready with

both.  I hope to be using the laptop with XCW for the memory keying and my paddles in line for inserted info.

I have not been on the air much during the last year or so, except for the FoxHunts.  I will try to start out at 7.043 TX and I will listen up and down.  I will try to come up with some type of pattern, but that will be determined by who I hear.  I will listen on and off to the TX freq for those who do not have RIT or Split operation capability.  Please try to stay off the TX freq exactly (even without RIT - just a little off freq).  This way you will hear me when I reply to a call.

I will answer with <yourcallsign>  <rst> NY  NICK  NR 13 TU <yourcallsign> KN

I know how hard it is to know if the Fox is really working you if you don't catch your call at the end too.  Nobody should really need repeats from me, since you know my infor ahead of time and you can always listen to the exchange again on someone else.  I will not speed up my reply to you and I will send at a speed that I think I can copy your infor given the conditions and QRN.

BTW:  I will be operating from the home QTH in Patchogue LI, NY - The RF Black Hole of the Western Hemisphere.  Call me even if I sound weak to you. I might be able to hear you better than you hear me for some odd reason and visa vers.  I have worked several Foxii that I could hardly hear.

Most of all:  Let's have some fun out there.  Spread out, Chill out, send out and have fun.  Remember to try to keep the TX freq. as clear as possible so you can hear what's going on.

Look for the furry tail bouncing over the snow banks.  Try not to aim for the little bulls-eye at the base of the tail :-)  I hate when that happens. I don't think I can handle tail-ending anyway.

Till Then - Tally-Ho!

72,
Nick - kf2ph  .  .
QRP-L # 13

__
Nicholas J. Franco  <><  BROOKHAVEN NATIONAL LABORATORY
Systems Administrator  Collider-Accelerator Department
Tel: (516) 344-5467  UPTON, NY 11973-5000
Fax: (516) 344-2833  Ham Call: KF2PH
<mailto:nickf@bnl.gov>  <http://www.rhichome.bnl.gov/People/franco>

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Date: Tue, 25 Jan 2000 17:41:39 EST
From: REDSBOY@aol.com
To: qrp-l@lehigh.edu
Cc: SNKDavis@aol.com
Subject: [61301] Slightly OT: Free Logging Software-Nice!
Message-ID: <98.e0abbf.25bf80a3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I used Scott Davis' "free" Sweepstakes Logging program Version 2.6 last November and it worked great. I also use his "free" General Logging Program AC Log Ver 1.4. Now he has out a new Sweepstakes Version 2.7 which allows me to export my Sweepstakes log directly to the AC Log. I can even export my SS log from last year to the Ver. 2.7 and then import it into AC Log. After you try the programs, Scott asks that you send him 5 bucks for each one you intend to keep and use. I think that also entitles one to free updates. Anyway, check him out and other programs he has listed at: <A HREF="http://www.qsl.net/n3fjp/NOVSWP27.ZIP">N3FJP & KA3SEQ Amateur Radio / Software Web Page</A> .

AC Log has some very nice features, such as letting you track progress toward awards, such as WAS, Counties, etc. AND YOU CAN'T BEAT THE PRICE. Besides, Scott is very easy to work with so far as getting info or help.

Usual disclaimers apply, of course.

73,

Karl

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Date: Tue, 25 Jan 2000 14:45:03 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: w4bld@juno.com
Subject: [61302] Re: Cliff Dweller Antenna ?
Message-ID: <388E195F.DA25D18C@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, not sure if you are talking about the one from the mid 60's to mid 70's vintage, but in case you are, I don't think it is made any longer.  It was a rotary dipole made by NewTronics Corp, aka Hustler, and was designed for 80/40 meters but when the

elements were fully retracted, worked on 10 meters, as well.
The elements had little motors (each side of the center area)
which ran the ends sections in/out.  I guess they still
sometimes show up at hamfests but I have not seen one
for many years.
73
Ray
--
"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850
---------------------
Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com   El Paso,(FAR WEST)  TEXAS

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Date: Tue, 25 Jan 2000 17:41:35
From: Robert McConnell <rmcconne@lightlink.com>
To: btoback@optc.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61303] Re: HB: Building Techniques
Message-ID: <3.0.6.16.20000125174135.084f32e6@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It was made by Vector. I have one, but can't put my hands on it right
now. I did find six spools of wire for it.

Anybody have the URL for the Vector web site handy?

Bob McConnell
N2SPP

At 10:54 AM 1/25/00 -0700, Bruce Toback wrote:
>Hi all,
>
>Two questions:
>
>1. A long time ago, I built several digital projects (including
>   the CMOS keyer from the 1973 Handbook) using "dead bug" construction
>   and a special tool that dispensed very thin insulated wire from a
>   small bobbin through a thin metal tube. The idea was that you'd
>   wrap the wire a few times around an IC lead, move the tool to the
>   next lead and wrap, and so on until all components in a node had
>   been wired together. You then cut the thin wire using the sharp
>   lip of the metal tube, and soldered each of the wrapped connections,
>   insulation and all -- the insulation was designed to vaporize at

>   normal soldering temperatures.
>
>   Does anyone know if this tool is still made, and if so, where to
>   get it? This is not the same as wire-wrap construction: the
>   wire is much thinner, and the connections are actually soldered.
>

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Date: Tue, 25 Jan 2000 14:36:05 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <SBillingsley@usaninc.com>
Cc: <qrp-l@lehigh.edu>
Subject: [61304] Re: HB:  The Georgia Sierra - QRP Transceiver (A detailed peek)
**Lo ng but worth it**
Message-ID: <028501bf6784$922c8b40$947d68cf@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sam, WOW!!!  Thanks for sharing the report with us.  I am blown away by the work that you guys are doing!!  Fantastic effort, and what qrp is all about. I am very pleased to see NorCal work carried on in this manner, and I agree that the "Georgia Sierra" is the perfect name for it.  Did you make your own boards?  How did you do the silk screening?  Tell us more, and keep up the GREAT WORK!!  Is this rig going to be at any of the QRP events this year?  I sure hope so, because it certainly deserves to be seen.   72, Doug, KI6DS

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Date: Tue, 25 Jan 2000 17:55:48 EST
From: AD6EZ@aol.com
To: qrp-l@lehigh.edu
Subject: [61305] OT: Help with an OLD Callsign W9ROH
Message-ID: <34.9ed89a.25bf83f4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi All -

Does anyone have an old call book for North America?  Maybe dated before 1980 or so?  If so, would you be so kind as to look up W9ROH.  This was a friend's callsign that has since expired and he is interested in reaplying for a Ham license.  To the best of his recollection his lic. may have expired sometime

around the early 1980's.  We need to know what his License Class was at the time.

Thanks in advanced

73 es God Bless de Denny AD6EZ <><
Goleta, CA

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Date: Tue, 25 Jan 2000 15:51:54 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [61306] K2 Tuning Knob replacement info
Message-ID: <20000125235154.1054.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,
I've gotten many requests for the ordering information
regarding replacement of the stock main tuning knob on
the K2 to the one being used on the Yaesu FT-100.
Here is the info:
Part numbers

Pt #RA 0068200 Rubber ring
Pt #RA 006800B Knob Assembly

The only slight mod to do is on the knob, it has a
small plastic post(tab)inside the shaft hole, that you
need to reach in with a long thin bladed small
screwdriver and snap off at the base for it to fit
completely onto the K2 shaft.
The cost for both parts shipped from Yaesu was $18.
Mine is on the way and the guy in the parts dept. knew
exactly what I was using the knob for!  He said there
have been about 50 orders so far and they have plenty
in stock for we K2'ers.

(Thanks to Dave VA7DB for this information.)
73, Jack W6ABC

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Date: Tue, 25 Jan 2000 17:45:23 -0600
From: "Bob Helms" <af5z@inetport.com>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [61307] FOX: AF5Z Jan 19 Final Log
Message-ID: <200001252352.RAA26019@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I owe the FOXHUNT folks an apology. I failed to study the 'rules of the hunt' carefully enough. Among other errors - The 'final log' should have been submitted within 48 hours of the activity instead of dragging on for days as I attempted to eliminate errors. Also the final log should only show hounds with QRP-L numbers. So without wasting further bandwidth. Here it is.

Bob Helms, AF5Z QRP-L #984
af5z@inetport.com

JAN 19, 2000 0100-0300 UTC FOX LOG

| TIME | CALL | F RST | H RST | QTH | NAME | NUMBER |
|---|---|---|---|---|---|---|
| 101 | K5OI | 599 | 599 | NM | TIM | 73 |
| 101 | W1XT | 599 | 579 | AZ | BOB | 262 |
| 102 | W0CH | 599 | 599 | MO | DAVE | 618 |
| 103 | K0EVZ | 599 | 579 | ND | DOC | 861 |
| 104 | N0EA | 599 | 559 | MO | WAYNE | 1058 |
| 105 | N0EHW | 599 | 599 | MO | TIM | 2047 |
| 106 | W0JOE | 599 | 559 | MO | JOE | 1901 |
| 107 | N9AW | 599 | 579 | WI | JERRY | 1271 |
| 107 | N0UR | 599 | 579 | MN | JIM | 799 |
| 108 | N8VAR | 599 | 559 | OH | RON | 263 |
| 109 | AB5UA | 599 | 579 | OK | CLIF | 478 |
| 109 | K5AAR | 599 | 559 | OK | DON | 1512 |
| 110 | AA0ZZ | 599 | 559 | MN | CRAIG | 1238 |
| 111 | N0DT | 599 | 559 | MO | DAN | 1004 |
| 112 | N0AR | 599 | 599 | MN | SCOTT | 1455 |
| 113 | N1TP | 599 | 599 | FL | TOM | 1317 |
| 113 | K5ZTY | 599 | 559 | TX | BILL | 473 |
| 114 | AE4Y | 599 | 569 | GA | KENT | 844 |
| 115 | KU7Y | 599 | 599 | NV | RON | 17 |
| 115 | AB7CE | 599 | 559 | MT | ROY | 1494 |
| 116 | NV4V | 599 | 559 | KY | PETE | 1721 |
| 117 | K8CV | 599 | 559 | MI | WALT | 935 |
| 118 | W2XN | 599 | 559 | FL | FRED | 1728 |
| 119 | N8IE | 599 | 559 | OH | DAN | 1404 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 120 | N4XDW | 599 | 599 | AL | JAY | 1372 |
| 121 | K7RE | 599 | 559 | AZ | BRIAN | 404 |
| 121 | AF4PP | 599 | 559 | GA | CHUCK | 1785 |
| 123 | N5CLU | 599 | 559 | KS | STEVE | 378 |
| 125 | KU4AF | 599 | 559 | NC | JOHN | 987 |
| 126 | N4ROA | 599 | 559 | VA | DAN | 970 |
| 127 | VA7NT | 599 | 599 | BC | PAUL | 20 |
| 128 | WE6W | 599 | 559 | CA | ED | 1068 |
| 128 | K1MG | 599 | 579 | CA | MIKE | 614 |
| 129 | N3AO | 599 | 559 | PA | CARTER | 2111 |
| 133 | N1LN | 599 | 559 | TX | BRUCE | 2049 |
| 133 | K5UP | 599 | 599 | OK | GLEN | 21 |
| 134 | AE2T | 599 | 599 | NY | AL | 1664 |
| 135 | NQ7X | 599 | 559 | AZ | FLOYD | 343 |
| 135 | KI7MN | 599 | 599 | AZ | BOB | 271 |
| 137 | KB9IUA | 599 | 599 | IL | KEVIN | 384 |
| 137 | NA6E | 599 | 449 | CA | MARY | 177 |
| 139 | VE5RC | 599 | 559 | SK | BRUCE | 886 |
| 140 | WB8RCR | 599 | 579 | MI | JOHN | 1446 |
| 141 | K0PC | 599 | 559 | MN | PAT | 1964 |
| 142 | K1VP | 599 | 559 | NH | ED | 1960 |
| 143 | K1JD | 599 | 33 | RI | JOHN | 1945 |
| 144 | W0RSP | 599 | 559 | SD | ADE | 661 |
| 146 | W8SFF | 599 | 559 | MI | STEVE | 1288 |
| 147 | W0RW | 599 | 599 | CO | PAUL | 1284 |
| 148 | N0TU/M | 599 | 599 | CO | STEVE | 911 |
| 152 | AF4PS | 599 | 559 | FL | MAC | 704 |
| 153 | N6WG | 599 | 559 | CA | BOB | 26 |
| 155 | KK5LD | 599 | 559 | TX | DAN | 2052 |
| 156 | WW7Y | 599 | 559 | UT | STEVE | 94 |
| 157 | NW7DX | 599 | 559 | WA | BEN | 1892 |
| 159 | AB8DF | 599 | 339 | MI | ED | 1444 |
| 201 | K7TQ | 599 | 559 | ID | RANDY | 102 |
| 202 | KC1FB | 599 | 559 | CT | JIM | 29 |
| 203 | KI0II | 599 | 549 | CO | RON | 928 |
| 204 | NK6A | 599 | 569 | CA | DON | 1517 |
| 205 | W7ILW | 599 | 559 | AZ | HOWARD | 2010 |
| 206 | WA9PWP | 599 | 569 | WI | PAUL | 127 |
| 207 | N7RR | 599 | 449 | WA | BRUCE | 1688 |
| 208 | WD8KQY | 599 | 579 | OH | GARY | 446 |
| 212 | N7XY | 599 | 599 | AZ | BOB | 1985 |
| 214 | N7CQR | 599 | 559 | OR | DAN | 502 |
| 216 | VE6EWM | 599 | 559 | AB | EARL | 1076 |
| 222 | K0YWD | 599 | 559 | MT | SKIP | 2003 |
| 226 | W2APF | 599 | 599 | MA | THAIRE | 2062 |
| 237 | N3YSI | 599 | 579 | PA | PAUL | 1835 |
| 238 | KA5T | 599 | 599 | TX | LARRY | 89 |
| 240 | KF2PH | 599 | 579 | NY | NICK | 13 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 241 | NF0R | 599 | 559 | MO | DAVE | 33 |
| 245 | VE1MT | 599 | 559 | NS | LAYTON | 1448 |
| 247 | KK5VH | 599 | 599 | TX | JOHN | 1700 |
| 252 | K6TM | 599 | 559 | CA | RICH | 1092 |
| 258 | K2JQ | 599 | 599 | NY | DICK | 1811 |
| 259 | K0EVZ | 599 | 579 | ND | DOC | 1968 |

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End of QRP-L Digest 1711
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